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TECHNOLOGY GROUP

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SERVER GRADE POWER

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ZIPPY TECHNOLOGY CORP.



Profile

ZIPPY TECHNOLOGY CORPORATION, POWER DIVISION establishes the well-known EMACS brand and manufactures high quality POWER SUPPLIES for File Servers, Industrial PC's (IPC), Storage Systems, Workstations, Blade Servers, Communications, and Networking Equipment.

We are an innovator in both technology and design, creating high efficiency power supplies that substantially reduce energy costs. We continuously push ourselves to improve the functionality and the design of the power supplies for more compact and higher output products.

Factory

Zippy Technologies Corp. has invested a tremendous amount of time and effort in our Shop Floor System and Computerized Testing Equipment. Our goal is to develop the highest quality products and establish the most efficient manufacturing process all while reducing production costs and meeting the demands of an ever-changing market.

Our Flexible Production System allows us to make various adjustments to our production schedule. We have achieved this by integrating our production process into a company-wide network, which allows us to meet the schedule requirements of the most demanding customers.

Our factory is located in Taipei, Taiwan. With a capacity of approximately 100,000 units per month, Zippy Technology has always emphasized its flexibility, customization, and quality.

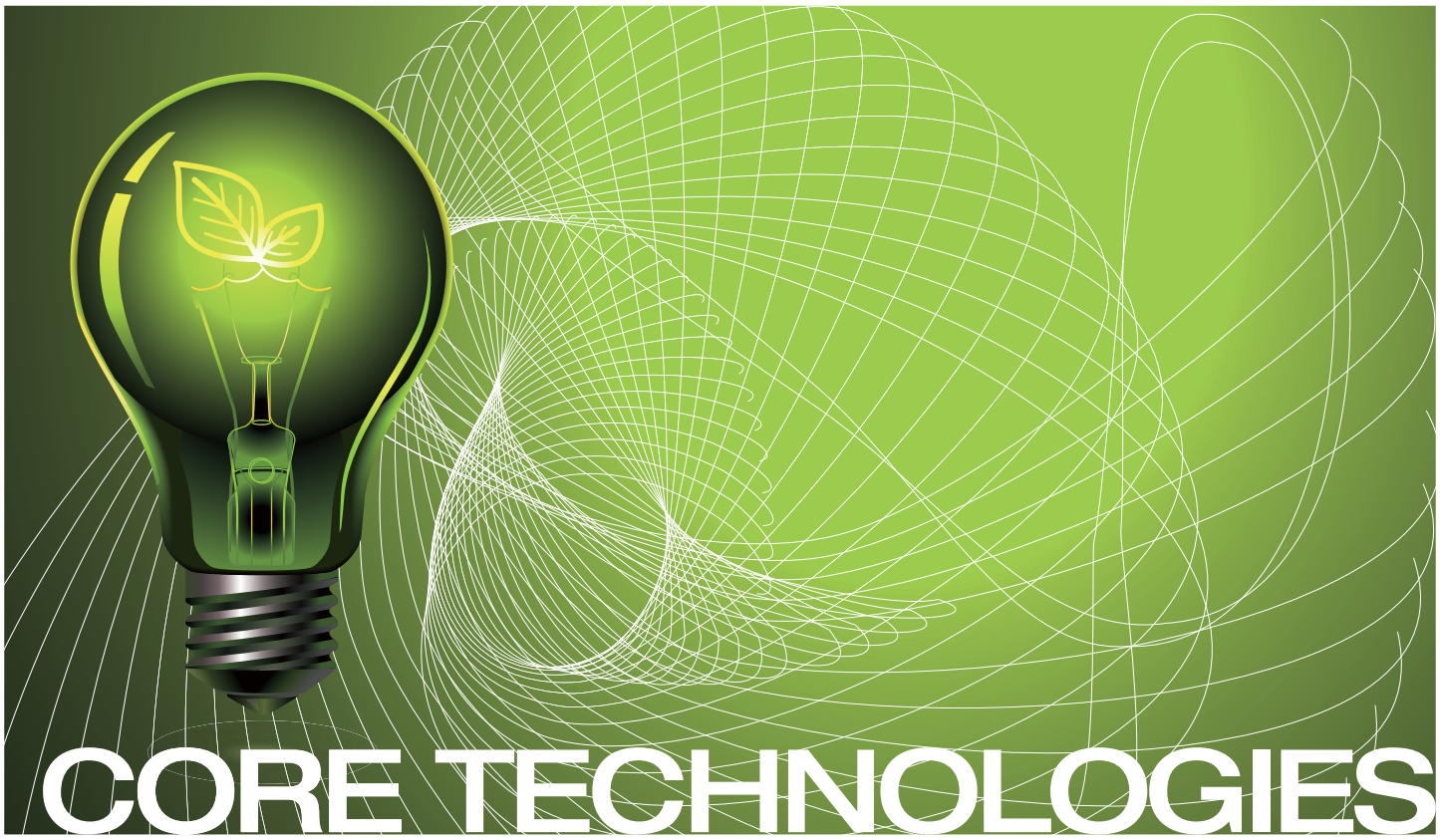
R&D

Our power division is particularly well known for manufacturing highly reliable and high-power redundant power supplies with outstanding quality.

More than 30 professional engineers devote themselves to design and develop products with the latest equipment and testing tools. Our expertise and experience allow us to reduce the time to market for new designs, achieving lead times three to six months faster than our competitors.

http://www.zippy.com

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CORE TECHNOLOGIES

Passive Backplane Design

Many redundant systems utilize passive backplanes, where the components on the backplane perform monitoring and voltage compensation functions only. In the rare event of backplane failure, it is likely the supply will continue to operate.

Modular Technology

Modular power supply units provide great flexibility in space challenged applications, when designed into today's common and custom server chassis designs.

Load Sharing

Our redundant Power Supplies are all based on load sharing technology, which help to provide more reliable operation and a longer life for each individual module.

True Wattage

Our power supplies are designed to work at 100% of their specified load, indefinitely, over their lifetime. Unlike other manufacturers who often specify peak wattage which is only available in short bursts.

Quality Control

We received EMACS' ISO-9001 Quality Certification in 1994. In every aspect of our operation, we follow both the guidelines and the spirit of this quality system. We work hard to continuously improve our Production System, bringing it in line with the strictest quality requirements. We have dramatically reduced the occurrence of re-worked and scrapped product as well as other production errors. All our products are tested and meet numerous international safety and EMI standards.

Our strict quality management begins with product design, through the development and onto service and support. Our goal is always to build the safest and the most reliable product with the best professional service available. This has allowed our brand name to become a synonym for Quality throughout the world.

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ZIPPY TECHNOLOGY CORP.



Enabling Your High Efficiency Power Supply Solutions
GO GREEN with us!

As an industry leading provider of OEM/ODM high efficiency power supply solutions, Zippy manufactures a broad range of green solutions for the rapidly growing green market. No matter what your sustainable objectives are, you can count on us for energy efficient and recyclable solutions.

For more info, please visit www.zippy.com

Quality Standard Certification and Compliances

1. IECQ QC080000 - Quality Assessment for Electronic Components
(Electrical and Electronic Components and Products Hazardous Substance Free Standard and Requirements)
2. RoHS - 6/6 since March 2008

Our Initiatives

- High-Efficiency Power Supplies - 84%-86% efficient compared to industry average of 65%
  (Gold+ compliant design in progress)
- High-Efficiency VRM designs on backplane - 85%-93% compared to industry average of 70%-80%
- 6/6 RoHS - both EU and China standards
- Maximize Packaging recyclability - separate EPE foam and cardboard to minimize contaminations
- Fan speed control design - minimizes power consumption and noise from the fan

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CATEGORY SPEC.

EMACS, one of the leading server-grade SMPS makers, provides you instant technical support response and full scale power supply solutions for servers, cloud computing, industrial computing and various applications such as the following.
For further service, please contact your nearest ZIPPY Sales Representative.
http://www.zippy.com

High Efficiency Power Supply

Until today,ten 80+ Gold, twelve Silver, nineteen Bronze and many 80+ Certified Power Supply items are ready for Energy-saving. Zippy is still in progress to develop new power-supplies with high-efficiency ratings.

Cloud Power Series

Cloud computing technology ready.
Zippy announced cloud computing technology for some high efficiency PSU. This technology can monitor and control cloud computing power operations anywhere via the Internet.

Micro Redundant Power Supply

Micro redundant Power Series also can be used in 1U chassis; moreover, it is also suitable for MINI ATX and 1U SERVERS.
Compact size with redundancy advantage.
Choose Zippy Micro Redundant Power Supplies.

Medical Power Series

Meets Medical Power Supply requirements : UL , TUV , IEC 60601.

Telecom Power Series

Telecom power series utilizes DC-DC power and it can be applied to all types of communications systems.

Open Frame Power Supply

Silent and Fanless, Zippy (EMACS) Open Frame Solutions set a new industry standard in design and performance.

PMBus solution

A smart option, to let you monitor power supply operating conditions through analog-to-digital interface.

True Redundant Power Supply

With over 20 years of design experience, EMACS Power Series delivers superior performance. Multiple outputs per module can withstand the most rigorous systems with unsurpassed reliability.

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EMACS introduces a wide range of high efficiency power supplies, which will further our reputation for manufacturing superior quality power supplies and reduce energy cosfs.

Most of our newly developed power supplies have now received 80PLUS certification. Please contact our worldwide sales team for more details.

Form Factor	Model	Wattage	Typical Efficiency (50%)	Rating
1U(230V Internal)	R1S-1120V	120	85.73	Bronze
1U(230V Internal)	P1S-2400V	400	90.58	Silver
1U(230V Internal)	P1S-2500V	500	91.28	Silver
1U(230V Internal)	M1P-2500V	500	89.13	Silver
1U(230V Internal)	MRW-3600V-R	600	89.98	Silver
1U(230V Internal)	C2W-3620V-R	620	87.70	Bronze
1U(230V Internal)	C2W-3820V-R	820	87.76	Bronze
1U(230V Internal)	GIN-3500V	500	90.57	Silver
1U(230V Internal)	GIN-3600V	600	90.10	Silver
1U(230V Internal)	GIN-3800V	800	91.78	Silver
1U(230V Internal)	M1U-2750V	750	92.52	Gold
1U(230V Internal)	KIN-2800V	800	92.02	Gold
1U(230V Internal)	M1W-2600G	600	92.91	Gold
1U(230V Internal)	M1W-2810V	810	90.15	Silver
1U(230V Internal)	G1W-3660V	660	90.77	Silver
1U(230V Internal)	G1W-3760V	760	90.19	Silver
1U(230V Internal)	G1W-3960V	960	92.18	Gold
1U(230V Internal)	G1W-3A10V	1010	92.15	Gold
1U(230V Internal)	M1W-2A10V	1010	92.32	Gold
1U(230V Internal)	M1W-2C00V	1200	92.39	Gold
1U(230V Internal)	M1W-2E00V	1400	92.30	Gold
1U(230V Internal)	PSG-2A00V	1000	92.24	Gold
1U(230V Internal)	PSS-2A00V	1000	92.30	Gold

Form Factor	Model	Wattage	Typical Efficiency (50%)	Rating
1U(230V Internal)	PSS-2C00V	1200	92.34	Gold
1U(230V Internal)	PSS-2E00V	1400	92.35	Gold
1U(230V Internal)	T1W-3A10V	1010	90.47	Silver
1U	V1E-5250V	250	86.74	Bronze
1U	V1E-5300V	300	85.41	Standard
1U	V1E-5350V	350	85.46	Standard
1U	H1U-5300V	300	86.34	Bronze
1U	H1U-5320V	320	85.86	Standard
1U	P1S-5300V	300	83.92	Standard
1U	P1H-5400V	400	85.34	Standard
1U	P1H-5500G	500	90.72	Gold
1U	P1H-5500V	500	86.17	Bronze
1U	P1H-5550V	550	86.16	Bronze
1U	H1M-5607V	600	86.95	Bronze
1U	H1M-5707V	700	87.08	Bronze
1U	P1D-5600V	600	85.32	Standard
1U	P1D-5700V	700	85.43	Standard
1U	Y1U-5650V	650	86.92	Bronze
2U	V2H-5350V	350	84.89	Standard
2U	V2H-5400V	400	85.00	Standard
2U	V2H-5435V	435	85.40	Standard
2U	P2G-5500V	500	85.57	Standard
2U	P2G-5600V	600	86.13	Bronze

Form Factor	Model	Wattage	Typical Efficiency (50%)	Rating
2U	P2G-5650V	650	85.87	Standard
2U	P2H-5400V	400	84.69	Standard
2U	P2H-5500V	500	85.71	Bronze
2U	P2H-5550V	550	85.91	Bronze
2U	P2M-5600V	600	85.34	Standard
2U	P2M-5700V	700	85.65	Standard
2U	P2M-5800V	800	85.72	Standard
PS2	GP2-5500V	500	86.23	Standard
PS2	GP2-5600V	600	87.11	Bronze
PS2	HG2-5400V	400	85.61	Standard
PS2	HG2-5500V	500	86.13	Standard
PS2	HG2-5600V	600	86.95	Bronze
PS2	HU2-5560V	560	85.84	Standard
PS2	HU2-5660V	660	86.46	Bronze
PS2	HU2-5760V	760	86.11	Bronze
PS2	HU2-5860V	860	86.60	Standard
PS2	PSM-5660V	660	86.83	Bronze
PS2	PSM-5760V	760	86.61	Bronze
PS2	PSM-5860V	860	86.53	Standard
PS2	PSL-6A00V	1000	87.71	Bronze
PS2	PSL-6C00V	1200	88.66	Silver

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CERTIFICATE



ERP EN62075
RWTUV



ISO9001



ISO9001



QC 080000

ZIPPY TECHNOLOGY CORP.

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NEW SOLUTIONS

EMACS ALWAYS USED ASSISTING YOU TO ACHIEVE SUCCESS SMOOTHLY VIA READY-AHEAD SOLUTIONS, BRAND NEW DESIGNS POWER SUPPLY AS BELOW, PLEASE CONTACT OUR GLOBAL SERVICE FOR MORE DETAILS.

SUPPORT MULTIPLE SYSTEMS

ULTRA DENSITY-WATTAGE POWER SUPPLY, WITH COMPACT SIZE AND REDUNDANCY BOTH ADVANTAGES.

PSU FOR DUAL SYSTEMS

- P1D-5400V/5600V/5700V (400/600/700W)
- P1D-3940V (940W)
- KIN1-5A00V4D (1000W)
- M1W4-6D50P(D) (1350W)

PSU FOR QUAD SYSTEMS

- MTW4-5H80V3H(Q) (1780W)



SUPPORT HEAVY-DUTY HDD STORAGE

HYBRID OF HEAVY-POWER-DESIGN PSU, DULY DRIVING FOR MASS BUNCHES HD STORAGE DYNAMIC OPERATION.

- GHM2-5400V4V (400W)
- MHZ2-5550V3V (550W)
- AHN2-5400V (400~600W)
- MHW2-5900V3V (900W)



INTELLIGENT POWER CENTER

AS POWER CENTER IS OPERATING INTELLIGENT AS IN SMART FORMING.

SAVING SPACE. SAVING YOUR TOTAL COST. SAVING END CUSTOMER OPERATION COST. SAVING YOUR TIME OF REPAIR. SAVING YOUR TIME OF SYSTEM DESIGN. SAVING THE POWER CABLE SPACE. AUTOMATED POWER PROVISIONING

- M1K6-5DH0V0H (4800W)



BATTERY BACKUP POWER SYSTEM

BBR – **B**ATTERY - **B**ACKUP **R**EDUNDANT POWER SUPPLY, FULLY INPUT-SAFETY MANAGEMENT

- UR1V1-5275V (275W)
- UM1S2-5500V (500W)
- UM1U2-5650V (650W)



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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
1U	MQ1G-1035V-40	35W	AC 90-240V	101.6 / 4	50.8 / 2	30 / 1.18					28
1U	MQ1G-1050V-5	50W	AC 90-240V	101.6 / 4	50.8 / 2	30 / 1.18					29
1U	MQ1G-1060V-12	60W	AC 90-240V	101.6 / 4	50.8 / 2	30 / 1.18					30
1U	MQ1G-1060V-24	60W	AC 90-240V	101.6 / 4	50.8 / 2	30 / 1.18					30
1U	MQ1G-1060V-40	60W	AC 90-240V	101.6 / 4	50.8 / 2	30 / 1.18					30
1U	MQ1G-1060V-48	60W	AC 90-240V	101.6 / 4	50.8 / 2	30 / 1.18					30
1U	MQ1D-5120V	120W	PFC	190 / 7.48	83.8 / 3.3	40 / 1.57					31
1U	MP1S-5220V	220W	PFC	190 / 7.48	81.5 / 3.21	40.3 / 1.59					32
1U	MP1S-5300V	300W	PFC	190 / 7.48	81.5 / 3.21	40.3 / 1.59					32
1U	MP1S-6400V	400W	PFC	250 / 9.84	81.5 / 3.21	40.3 / 1.59					33
1U	MV1E-5350V	350W	PFC	260 / 10.24	100 / 3.94	40.5 / 1.59					34
2U	MP2M-5435V	435W	PFC	270 / 10.63	100 / 3.94	70 / 2.76					35
PS2	MHG2-6300P	300W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					36
PS2	MHG2-6350P	350W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					36
PS2	MHG2-6400P	400W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					36
PS2	MHU2-5400V	400W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					37
PS2	MPSM-5500V	500W	PFC	160 / 6.3	150 / 5.91	86 / 3.39					38
PS2	MPSM-5600V	600W	PFC	160 / 6.3	150 / 5.91	86 / 3.39					38
1U	Q1L-5060V	60W	AC 90-240V	176 / 6.93	39 / 1.54	39 / 1.54					39
1U	Q1J-1050V-5	50W	AC 90-240V	101.6 / 4	50.8 / 2	39 / 1.54					40
1U	Q1J-1060V-12	60W	AC 90-240V	101.6 / 4	50.8 / 2	39 / 1.54					40
1U	Q1J-1060V-24	60W	AC 90-240V	101.6 / 4	50.8 / 2	39 / 1.54					40
1U	Q1J-1060V-48	60W	AC 90-240V	101.6 / 4	50.8 / 2	39 / 1.54					40
NEW 1U	Q1I-1060V12	60W	AC 90-240V	114.5 / 4.51	50.8 / 2	38 / 1.5					41
1U	Q1I-2050V-053	50W	AC 90-240V	114.5 / 4.51	50.8 / 2	38 / 1.5					41
1U	Q1I-2060V-123	60W	AC 90-240V	114.5 / 4.51	50.8 / 2	38 / 1.5					41
1U	Q1I-2060V-125	60W	AC 90-240V	114.5 / 4.51	50.8 / 2	38 / 1.5					41
1U	Q1H-5060V	60W	AC 90-240V	127 / 5	50.8 / 2	38 / 1.5					42
1U	Q1F-1150V12	150W	PFC	127 / 5	76.2 / 3	40 / 1.57					43
1U	Q1F-1150V24	150W	PFC	127 / 5	76.2 / 3	40 / 1.57					43
NEW 1U	Q1F-1150V48	150W	PFC	127 / 5	76.2 / 3	40 / 1.57					43
1U	Q1F-2150V123	150W	PFC	127 / 5	76.2 / 3	40 / 1.57					44
1U	Q1F-2150V125	150W	PFC	127 / 5	76.2 / 3	40 / 1.57					44
1U	Q1D-5120V	120W	PFC	165 / 6.5	83.8 / 3.3	39 / 1.54					45
1U	Q1K-5150V	150W	PFC	186 / 7.32	100 / 3.94	39.5 / 1.56					46
1U	Q1K-5200V	200W	PFC	186 / 7.32	100 / 3.94	39.5 / 1.56					46

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	FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
	1U	Q1M-5300V	300W	PFC	200 / 7.87	100 / 3.94	43 / 1.69					47
	1U MODULE	G1X-1060V12	60W	PFC	135 / 5.31	50.5 / 1.99	38 / 1.5					48
	1U REDUNDANT	G1X2-1060V12	60W	PFC	190 / 7.48	106 / 4.17	39.5 / 1.56	G1X-1060V-12				49
NEW	1U REDUNDANT	G1X2-5060V	60W	PFC	190 / 7.48	106 / 4.17	39.5 / 1.56	G1X-1060V				50
NEW	1U REDUNDANT	DG1X-1060V12	60W	PFC	135 / 5.31	50.5 / 1.99	38 / 1.5					51
NEW	1U REDUNDANT	DG1X2-5060V	60W	PFC	190 / 7.48	106 / 4.17	39.5 / 1.56	DG1X-1060V				52
	1U REDUNDANT	RH1E-1067V	60W	PFC	200 / 7.87	100 / 3.94	40 / 1.57					53
NEW	DC 1U	AN1U-5150V	150W	DC 12V	40.5 / 1.59	100 / 3.94	20.6 / 0.81					54
	DC 1U	AB1U-5120V	120W	DC 10~36V	152 / 5.98	83.8 / 3.3	38 / 1.5					55
	DC 1U	BB1U-6150V	150W	DC 18~36V	152 / 5.98	84 / 3.31	39 / 1.54					56
	EASYSWAP	GIN1-5800V4H	800W	PFC	397 / 15.63	79 / 3.11	40 / 1.57					57
	EASYSWAP	GIN1-5800V4D	800W	PFC	397 / 15.63	79 / 3.11	40 / 1.57					58
	EASYSWAP	KIN1-5A00V4D	1000W	PFC	397 / 15.63	79 / 3.11	40 / 1.57					59
NEW	EASYSWAP	KIN1-5A00V4H	1000W	PFC	397 / 15.63	79 / 3.11	40 / 1.57	KIN-2A00V				60
	EASYSWAP	P1Z-6350P	350W	PFC	265 / 10.43	100.8 / 3.97	41.8 / 1.65					61
	EASYSWAP	P1Z-6400P	400W	PFC	265 / 10.43	100.8 / 3.97	41.8 / 1.65					61
	EASYSWAP	P1W-6520P	520W	PFC	300 / 11.81	100.8 / 3.97	41.8 / 1.65					62
	EASYSWAP	M1W1-5A10V3H	600W	PFC	300 / 11.81	101 / 3.98	41.5 / 1.63					63
	EASYSWAP	M1P1-5500V	1010W	PFC	320 / 11.27	98.4 / 3.87	40 / 1.57					64
NEW	EASYSWAP	BMTW1-5601V4H	600W	PFC	240 / 9.45	102 / 4.02	41 / 1.61					65
	1U	P1S-1130V48	130W	PFC	120 / 4.72	81.5 / 3.21	40.3 / 1.59					66
	1U	P1S-1131V48	130W	PFC	120 / 4.72	81.5 / 3.21	40.3 / 1.59					66
	1U	P1S-2120V	120W	PFC	120 / 4.72	81.5 / 3.21	40.3 / 1.59					67
NEW	1U	P1S-5150V	150W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59					68
NEW	1U	P1S-5151V	150W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59					68
NEW	1U	P1S-5180V	180W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59					68
	1U	P1S-5221V	220W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59					68
	1U	P1S-5200V	200W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59					69
	1U	P1S-5220V	220W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59					70
	1U	P1S-5300V	300W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59				80 PLUS	71
	1U	P1S-6300V	300W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59					71
	1U	P1S-2300V	300W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59					72
	1U	P1S-2400V	400W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59				80 PLUS SILVER	72
	1U	P1S-2500V	500W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59				80 PLUS SILVER	72
NEW	1U	P1S-2507V	500W	PFC	170 / 6.69	81.5 / 3.21	40.3 / 1.59					73
NEW	1U	P1S-2300V48	300W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59					74

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	FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
NEW	1U	P1S-2400V48	400W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59			High Efficiency		74
NEW	1U	P1S-2500V48	500W	PFC	150 / 5.91	81.5 / 3.21	40.3 / 1.59			High Efficiency		74
NEW	1U	P1S-2507V48	500W	PFC	170 / 6.69	81.5 / 3.21	40.3 / 1.59			High Efficiency		74
	1U	P1P-5400V	400W	PFC	170 / 6.69	81.5 / 3.21	40.3 / 1.59			High Efficiency		75
	1U	P1P-5401V	400W	PFC	170 / 6.69	81.5 / 3.21	40.3 / 1.59			High Efficiency		75
	1U	P1E-6300V	300W	PFC	190 / 7.48	81.5 / 3.21	40.3 / 1.59			High Efficiency		76
	1U	P1E-6301V	300W	PFC	190 / 7.48	81.5 / 3.21	40.3 / 1.59			High Efficiency		76
	1U	P1L-6400P	400W	PFC	300 / 11.81	106 / 4.17	40 / 1.57					77
	1U	P1L-6460P	460W	PFC	300 / 11.81	106 / 4.17	40 / 1.57					77
	1U	P1L-6480P	480W	PFC	300 / 11.81	106 / 4.17	40 / 1.57					77
	1U	H1U-6150P	150W	PFC	155 / 6.1	100 / 3.94	40 / 1.57					78
	1U	H1U-6200P	200W	PFC	155 / 6.1	100 / 3.94	40 / 1.57					78
	1U	H1U-6250P	250W	PFC	155 / 6.1	100 / 3.94	40 / 1.57					78
	1U	H1U-5300V	300W	PFC	155 / 6.1	100 / 3.94	40 / 1.57			High Efficiency	80 PLUS BRONZE	79
	1U	H1U-5320V	320W	PFC	155 / 6.1	100 / 3.94	40 / 1.57			High Efficiency	80 PLUS	79
	1U	H1A-6400P	400W	PFC	155 / 6.1	100 / 3.94	40 / 1.57					80
	1U	P1A-6200P	200W	PFC	190 / 7.48	100 / 3.94	40.5 / 1.59					81
	1U	P1A-6250P	250W	PFC	190 / 7.48	100 / 3.94	40.5 / 1.59					81
	1U	P1A-6300P	300W	PFC	205 / 8.07	100 / 3.94	40.5 / 1.59					82
	1U	P1A-6201P	200W	PFC	190 / 7.48	100 / 3.94	40.5 / 1.59					83
	1U	P1A-6221P	220W	PFC	190 / 7.48	100 / 3.94	40.5 / 1.59					83
	1U	P1A-6301P	300W	PFC	190 / 7.48	100 / 3.94	40.5 / 1.59					83
	1U	P1X-6200P	200W	PFC	190 / 7.48	100 / 3.94	40.5 / 1.59					84
	1U	P1X-6250P	250W	PFC	190 / 7.48	100 / 3.94	40.5 / 1.59					84
	1U	P1X-6300P	300W	PFC	190 / 7.48	100 / 3.94	40.5 / 1.59					84
	1U	PX1-5251P	250W	PFC	190 / 7.48	100 / 3.94	40.5 / 1.59					85
	1U	P1U-6150P	150W	PFC	190 / 7.48	100 / 3.94	40 / 1.57					86
	1U	P1U-6180P	180W	PFC	190 / 7.48	100 / 3.94	40 / 1.57					86
	1U	P1U-6200P	200W	PFC	190 / 7.48	100 / 3.94	40 / 1.57					86
	1U	P1U-6207P	200W	PFC	190 / 7.48	100 / 3.94	40 / 1.57					86
	1U	P1U-5150I	150W	PFC	190 / 7.48	100 / 3.94	40.3 / 1.59			High Efficiency		87
	1U	P1U-5200I	200W	PFC	190 / 7.48	100 / 3.94	40.3 / 1.59			High Efficiency		87
	1U	P1U-5300I	300W	PFC	190 / 7.48	100 / 3.94	40.3 / 1.59			High Efficiency		87
	1U	P1U-5400I	400W	PFC	190 / 7.48	100 / 3.94	40.3 / 1.59			High Efficiency		87
	1U	P1G-6250P	250W	PFC	205 / 8.07	100 / 3.94	40.5 / 1.59					88
	1U	P1G-6300P	300W	PFC	205 / 8.07	100 / 3.94	40.5 / 1.59					88

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
1U	P1G-6305P	300W	PFC	205 / 8.07	100 / 3.94	40.5 / 1.59					88
1U	P1H-6350P	350W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59					89
1U	P1H-6400P	400W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59				80 PLUS	89
1U	P1H-5400V	400W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency	80 PLUS	90
1U	P1H-5500V	500W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency	80 PLUS BRONZE	90
1U	P1H-5550V	550W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency	80 PLUS BRONZE	90
1U	P1H-5407V	400W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency		91
NEW 1U	P1H-5501V	500W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency		91
NEW 1U	P1H-5551V	550W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency		91
1U	P1H-5507V	500W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency		91
NEW 1U	P1H-5557V	550W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency		91
NEW 1U	P1H-5420G	420W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency	80 PLUS GOLD	92
NEW 1U	P1H-5500G	500W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59		PMBus	High Efficiency	80 PLUS GOLD	92
NEW 1U	P1H-5420E	420W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59			High Efficiency		93
1U	H1H-6500P	500W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59					94
1U	H1H-6507P	500W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59					95
1U	V1E-5250V	250W	PFC	210 / 8.27	100 / 3.94	40.5 / 1.59			High Efficiency	80 PLUS BRONZE	96
1U	V1E-5300V	300W	PFC	210 / 8.27	100 / 3.94	40.5 / 1.59			High Efficiency	80 PLUS	96
1U	V1E-5350V	350W	PFC	210 / 8.27	100 / 3.94	40.5 / 1.59			High Efficiency	80 PLUS	96
1U	H1M-6550P	550W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59					97
1U	H1M-6600P	600W	PFC	225 / 8.86	100 / 3.94	40.5 / 1.59					97
1U	H1M-6557P	550W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59					98
1U	H1M-6607P	600W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59					98
1U	H1M-5600V	600W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59			High Efficiency	80 PLUS BRONZE	99
1U	H1M-5700V	700W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59			High Efficiency	80 PLUS BRONZE	99
1U	H1M-5800V	800W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59			High Efficiency		99
1U	H1M-5607V	600W	PFC	275 / 10.83	100 / 3.94	40.5 / 1.59			High Efficiency	80 PLUS BRONZE	100
1U	H1M-5707V	700W	PFC	275 / 10.83	100 / 3.94	40.5 / 1.59			High Efficiency	80 PLUS BRONZE	100
1U	H1M-5807V	800W	PFC	275 / 10.83	100 / 3.94	40.5 / 1.59			High Efficiency		100
1U	P1M-6350P	350W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59					101
1U	P1M-6400P	400W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59					101
1U	P1M-6420P	420W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59					101
1U	P1N-6250P	250W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59					102
1U	P1N-6300P	300W	PFC	250 / 9.84	100 / 3.94	40.5 / 1.59					102
1U	P1D-5400V	400W	PFC	300 / 11.81	100 / 3.94	40.5 / 1.59			High Efficiency		103
1U	P1D-5600V	600W	PFC	300 / 11.81	100 / 3.94	40.5 / 1.59			High Efficiency	80 PLUS	103

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
1U	P1D-5700V	700W	PFC	300 / 11.81	100 / 3.94	40.5 / 1.59					103
1U	P1D-3940V	940W	PFC	300 / 11.81	100 / 3.94	40.5 / 1.59					104
1U	M1U-2750V(D)	750W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57					105
1U	Y1U-5650V	650W	PFC	330 / 12.99	72 / 2.83	40.5 / 1.59					106
1U	H1W-5AD0V	1400W	PFC	295 / 11.61	100 / 3.94	40 / 1.57					107
2U	P2U-6300P	300W	PFC	200 / 7.87	100 / 3.94	70 / 2.76					108
2U	P2U-6320P	320W	PFC	200 / 7.87	100 / 3.94	70 / 2.76					108
2U	V2H-5350V	350W	PFC	215 / 8.46	100 / 3.94	70 / 2.76					109
2U	V2H-5400V	400W	PFC	215 / 8.46	100 / 3.94	70 / 2.76					109
2U	V2H-5435V	435W	PFC	215 / 8.46	100 / 3.94	70 / 2.76					109
2U	P2H-6350P	350W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					110
2U	P2H-6400P	400W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					110
2U	P2H-5400V	400W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					111
2U	P2H-5500V	500W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					111
2U	P2H-5550V	550W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					111
2U	P2H-5501V	500W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					111
2U	P2W-6600P	600W	PFC	300 / 11.81	100 / 3.94	70 / 2.76					112
2U	P2W-6650P	650W	PFC	300 / 11.81	100 / 3.94	70 / 2.76					112
2U	P2W-6700P	700W	PFC	300 / 11.81	100 / 3.94	70 / 2.76					112
2U	P2G-6400P	400W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					113
2U	P2G-6435P	435W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					113
2U	P2G-6460P	460W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					113
2U	P2G-6510P	510W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					113
2U	P2G-6510PE	510W	PFC	240 / 9.45	100 / 3.94	70 / 2.76					113
2U	P2G-5500V	500W	PFC	240/9.45	100/3.94	70/2.76					114
2U	P2G-5600V	600W	PFC	240/9.45	100/3.94	70/2.76					114
2U	P2G-5650V	650W	PFC	240/9.45	100/3.94	70/2.76					114
2U	P2G-5600G	600W	PFC	240/9.45	100/3.94	70/2.76					115
2U	P2M-6550P	550W	PFC	270 / 10.63	100 / 3.94	70 / 2.76					116
2U	P2M-6600P	600W	PFC	270 / 10.63	100 / 3.94	70 / 2.76					116
2U	P2M-6601P	600W	PFC	270 / 10.63	100 / 3.94	82.5 / 3.25					116
2U	P2M-5600V	600W	PFC	280 / 11.02	100 / 3.94	70 / 2.76					117
2U	P2M-5700V	700W	PFC	280 / 11.02	100 / 3.94	70 / 2.76					117
2U	P2M-5800V	800W	PFC	280 / 11.02	100 / 3.94	70 / 2.76					117
2U	P2P-5650P	650W	PFC	280 / 11.02	100 / 3.94	82.5 / 3.25					118
2U	P2P-5700P	700W	PFC	280 / 11.02	100 / 3.94	82.5 / 3.25					118

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
2U	P2L-6600P	600W	PFC	300 / 11.81	106 / 4.17	82.5 / 3.25					119
2U	P2L-6650P	650W	PFC	300 / 11.81	106 / 4.17	82.5 / 3.25					119
2U	P2L-6700P	700W	PFC	300 / 11.81	106 / 4.17	82.5 / 3.25					119
3U	H3M-6500P	500W	PFC	265 / 10.43	100 / 3.94	120 / 4.72					120
3U	H3M-6600P	600W	PFC	265 / 10.43	100 / 3.94	120 / 4.72					120
3U	P3M-9950P	950W	PFC	300 / 11.81	100 / 3.94	120 / 4.72					121
PS2	HG2-6300P	300W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					122
PS2	HG2-6350P	350W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					122
PS2	HG2-6400P	400W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					122
PS2	HP2-6400P	400W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					123
PS2	HP2-6460P	460W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					123
PS2	HP2-6500P	500W	PFC	140 / 5.51	150 / 5.91	86 / 3.39					123
PS2	HG2-5400V	400W	PFC	140 / 5.51	150 / 5.91	86 / 3.39		PMBus	High Efficiency	80 PLUS	124
PS2	HG2-5500V	500W	PFC	140 / 5.51	150 / 5.91	86 / 3.39		PMBus	High Efficiency	80 PLUS	124
PS2	HG2-5600V	600W	PFC	140 / 5.51	150 / 5.91	86 / 3.39		PMBus	High Efficiency	80 PLUS BRONZE	124
PS2	HU2-5560V	560W	PFC	140 / 5.51	150 / 5.91	86 / 3.39			High Efficiency	80 PLUS	125
PS2	HU2-5660V	660W	PFC	140 / 5.51	150 / 5.91	86 / 3.39			High Efficiency	80 PLUS BRONZE	125
PS2	HU2-5760V	760W	PFC	140 / 5.51	150 / 5.91	86 / 3.39			High Efficiency	80 PLUS BRONZE	125
PS2	HU2-5860V	860W	PFC	140 / 5.51	150 / 5.91	86 / 3.39			High Efficiency	80 PLUS	125
PS2	GU2-5950V	950W	PFC	160 / 6.3	150 / 5.91	86 / 3.39		PMBus	High Efficiency		126
PS2	GU2-5A00V	1000W	PFC	160 / 6.3	150 / 5.91	86 / 3.39		PMBus	High Efficiency		126
PS2	GU2-5C00V	1200W	PFC	160 / 6.3	150 / 5.91	86 / 3.39		PMBus	High Efficiency		126
PS2+	PSM-6550P	550W	PFC	160 / 6.3	150 / 5.91	86 / 3.39					127
PS2+	PSM-6600P	600W	PFC	160 / 6.3	150 / 5.91	86 / 3.39					127
PS2+	PSM-5660V	660W	PFC	160 / 6.3	150 / 5.91	86 / 3.39			High Efficiency	80 PLUS BRONZE	128
PS2+	PSM-5760V	760W	PFC	160 / 6.3	150 / 5.91	86 / 3.39			High Efficiency	80 PLUS BRONZE	128
PS2+	PSM-5860V	860W	PFC	160 / 6.3	150 / 5.91	86 / 3.39			High Efficiency	80 PLUS	128
NEW PS2+	PSM-5600G	600W	PFC	160 / 6.3	150 / 5.91	86 / 3.39			High Efficiency	80 PLUS GOLD	129
PS2+	PSL-6850P(LH)	850W	PFC	220 / 8.66	150 / 5.91	84 / 3.31					130
PS2+	PSA-6600P	600W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					131
PS2+	PSA-6650P	650W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					131
PS2+	PSA-6700P	700W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					131
NEW PS2+	PSA-6601P	600W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					131
PS2+	PSL-6600P	600W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					132
PS2+	PSL-6700P	700W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					132
PS2+	PSL-6701P	700W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					132

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
PS2+	PSL-6720P	720W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					133
PS2+	PSL-6800P	800W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					133
PS2+	PSL-6850P	850W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					133
PS2+	SSL-9800P	800W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					134
PS2+	SSL-9850P	850W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					134
PS2+	PSL-6A00V	1000W	PFC	220 / 8.66	150 / 5.91	86 / 3.39					135
PS2+	PSL-6C00V	1200W	PFC	220 / 8.66	150 / 5.91	86 / 3.39			HE	80 PLUS	135
NEW PS2+	PSL-6AH0V	1800W	PFC	250 / 9.84	150 / 5.91	86 / 3.39			HE		136
NEW 1U REDUNDANT	R1T2-5120V	120W	PFC	215 / 8.46	106 / 4.17	41.5 / 1.63	R1T-1120V		HE		137
1U REDUNDANT	M1S2-5400V4H	400W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1S-3400V	PMBus	HE		138
1U REDUNDANT	M1S2-5500V4H	500W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1S-3500V	PMBus	HE		138
NEW 1U REDUNDANT	M1S2-5550V4H	550W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1S-3550V	PMBus	HE		138
1U REDUNDANT	M1S2-5401V4H	400W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1S-3401V	PMBus	HE		138
1U REDUNDANT	M1S2-5501V4H	500W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1S-3501V	PMBus	HE		138
1U REDUNDANT	M1S2-5551V4H	550W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1S-3551V	PMBus	HE		138
1U REDUNDANT	M1V2-5800V4H	800W	AC 240V	355 / 13.98	106 / 4.17	41.3 / 1.63	M1V-2800V	PMBus	HE		139
1U REDUNDANT	M1V2-5801V4H	800W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1V-2800V	PMBus	HE		139
1U REDUNDANT	M1U2-5650V4H	650W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1U-2650V	PMBus	HE		140
1U REDUNDANT	M1U2-5750V4H	750W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1U-2750V	PMBus	HE	80 PLUS	140
1U REDUNDANT	M1U2-5651V4H	650W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1U-2650V	PMBus	HE		140
1U REDUNDANT	M1U2-5751V4H	750W	PFC	355 / 13.98	106 / 4.17	41.3 / 1.63	M1U-2750V	PMBus	HE		140
NEW 1U REDUNDANT	M1U2-2650V4H	650W	PFC	355 / 13.98	106 / 4.17	41.8 / 1.65	M1U-2650V		HE		141
1U REDUNDANT	R1U2-5220V4H	220W	PFC	260 / 10.24	106 / 4.17	41.3 / 1.63	R1U-2220V		HE		142
1U REDUNDANT	R1V2-5275V4H	275W	PFC	295 / 11.61	106 / 4.17	41.3 / 1.63	R1V-2275V		HE		143
1U REDUNDANT	M1K2-5A00V4H	1000W	PFC	400 / 15.75	106 / 4.17	41.3 / 1.63	M1K-2A00V	PMBus	HE		144
1U REDUNDANT	M1K2-5C00V4H	1200W	PFC	400 / 15.75	106 / 4.17	41.3 / 1.63	M1K-2C00V	PMBus	HE		144
1U REDUNDANT	M1K2-5A01V4H	1000W	PFC	400 / 15.75	106 / 4.17	41.3 / 1.63	M1K-2C00V	PMBus	HE		144
1U REDUNDANT	M1K2-5C01V4H	1200W	PFC	400 / 15.75	106 / 4.17	41.3 / 1.63	M1K-2C00V	PMBus	HE		144
1U REDUNDANT	M1P2-5420V4H	420W	PFC	230 / 9.06	176 / 6.93	41.8 / 1.65	M1P-2420V	PMBus	HE		145
NEW 1U REDUNDANT	M1P2-5500V4H	500W	PFC	230 / 9.06	176 / 6.93	41.8 / 1.65	M1P-2500V	PMBus	HE	80 PLUS	145
1U REDUNDANT	R1S2-5120V0H	120W	PFC	230 / 9.06	176 / 6.93	41.8 / 1.65	R1S-1120V		HE		146
1U REDUNDANT	R1S2-5180V4H	180W	PFC	230 / 9.06	176 / 6.93	41.8 / 1.65	P1S-2180V-R		HE		147
1U REDUNDANT	R1S2-5300V4H	300W	PFC	230 / 9.06	176 / 6.93	41.8 / 1.65	P1S-2300V-R		HE		147
1U REDUNDANT	R1S2-5380V4H	380W	PFC	230 / 9.06	176 / 6.93	41.8 / 1.65	P1S-2400V-R		HE		147
1U REDUNDANT	R1M-6251P	250W	PFC	260 / 10.24	180 / 7.09	40.6 / 1.6	MIN-6250P				148
1U REDUNDANT	R1Z-6350P	350W	PFC	265 / 10.43	206 / 8.11	41.5 / 1.63	R2Z-6350P-R				149

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
1U REDUNDANT	R1Z-6400P	400W	PFC	265 / 10.43	206 / 8.11	41.5 / 1.63	R2Z-6400P-R				149
1U REDUNDANT	M1Z2-6420P3H	420W	PFC	265 / 10.43	206 / 8.11	41.5 / 1.63	M1Z-6420P3				150
1U REDUNDANT	G1W2-5760V3H	760W	PFC	330 / 12.99	206 / 8.11	41.5 / 1.63	G1W-3760V	PMBus			151
1U REDUNDANT	RP1U-5240V	240W	PFC	270 / 10.63	100 / 3.94	40.5 / 1.59					152
2U REDUNDANT	M1V2-5800V4V	800W	PFC	400 / 15.75	54.5 / 2.15	84.6 / 3.33	M1V-2800V	PMBus			153
2U REDUNDANT	M1V2-5801V4V	800W	AC 240V	400 / 15.75	54.5 / 2.15	84.6 / 3.33	M1V-2800V	PMBus			153
2U REDUNDANT	M1U2-5650V4V	650W	PFC	400 / 15.75	54.5 / 2.15	84.6 / 3.33	M1U-2650V	PMBus			154
2U REDUNDANT	M1U2-5750V4V	750W	PFC	400 / 15.75	54.5 / 2.15	84.6 / 3.33	M1U-2750V	PMBus			154
2U REDUNDANT	M1U2-5651V4V	650W	PFC	400 / 15.75	54.5 / 2.15	84.6 / 3.33	M1U-2750V	PMBus			154
2U REDUNDANT	M1U2-5751V4V	750W	PFC	400 / 15.75	54.5 / 2.15	84.6 / 3.33	M1U-2750V	PMBus			154
2U REDUNDANT	M1K2-5A00V4V	1000W	PFC	425 / 16.73	54.5 / 2.15	84.6 / 3.33	M1K-2C00V	PMBus			155
2U REDUNDANT	M1K2-5C00V4V	1200W	PFC	425 / 16.73	54.5 / 2.15	84.6 / 3.33	M1K-2C00V	PMBus			155
2U REDUNDANT	M1K2-5A01V4V	1000W	PFC	425 / 16.73	54.5 / 2.15	84.6 / 3.33	M1K-2C00V	PMBus			155
2U REDUNDANT	M1K2-5C01V4V	1200W	PFC	425 / 16.73	54.5 / 2.15	84.6 / 3.33	M1K-2C00V	PMBus			155
NEW 2U REDUNDANT	PSS2-5A00V3V	1000W	PFC	385 / 15.16	65 / 2.56	84 / 3.31	PSS-2A00V	PMBus		80 PLUS GOLD	156
2U REDUNDANT	MIN2-6251P	250W	PFC	230 / 9.06	82 / 3.23	85 / 3.35	MIN-6251P				157
NEW 2U REDUNDANT	R1S2-5120V0V	120W	PFC	150 / 5.91	85 / 3.35	84 / 3.31	R1S-1120V				158
2U REDUNDANT	R1S2-5300V4V	300W	PFC	207 / 8.15	85 / 3.35	84 / 3.31	P1S-2300V-R				159
2U REDUNDANT	R1S2-5380V4V	380W	PFC	207 / 8.15	85 / 3.35	84 / 3.31	P1S-2400V-R				159
2U REDUNDANT	M1P2-5420V4V	420W	PFC	217 / 8.54	85 / 3.35	84 / 3.31	M1P-2420V	PMBus			160
2U REDUNDANT	M1P2-5500V4V	500W	PFC	217 / 8.54	85 / 3.35	84 / 3.31	M1P-2500V	PMBus		80 PLUS WIN	160
2U REDUNDANT	GTM2-5400V4V	400W	PFC	254 / 10	101 / 3.98	82 / 3.23	GTM-5400V	PMBus			161
2U REDUNDANT	M1Z2-6400P3V	400W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	M1Z-6400P3				162
2U REDUNDANT	M1Z2-6420P3V	420W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	M1Z-6420P3				162
2U REDUNDANT	M1Z2-5400V3V	400W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	M1Z-5400V				163
2U REDUNDANT	M1Z2-5460V3V	460W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	M1Z-5400V				163
2U REDUNDANT	M1Z2-5500V3V	500W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	M1Z-5500V				163
2U REDUNDANT	M1Z2-5550V3V	550W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	M1Z-5550V				163
NEW 2U REDUNDANT	M1W2-5600G0V	600W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-2600G	PMBus		80 PLUS GOLD	164
2U REDUNDANT	M1W2-5500V3V	500W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-3500V	PMBus			165
2U REDUNDANT	M1W2-5600V3V	600W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-3600V	PMBus			165
2U REDUNDANT	M1W2-5810V3V	810W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-2810V	PMBus			166
2U REDUNDANT	M1W2-5910V3V	910W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-2910V	PMBus		80 PLUS SILVER	166
NEW 2U REDUNDANT	M1W2-5911V3V	910W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-2910V	PMBus		80 PLUS GOLD	166
2U REDUNDANT	M1W2-5A10V3V	1010W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-2A10V	PMBus		80 PLUS GOLD	166
2U REDUNDANT	M1W2-5C00V3V	1200W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-2A10V	PMBus		80 PLUS GOLD	166

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
2U REDUNDANT	M1W2-5E00V3V	1400W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-2A10V	PMBus	High Efficiency	80 PLUS GOLD	166
NEW 2U REDUNDANT	M1W2-5E01V3V	1400W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	M1W-2A10V	PMBus	High Efficiency	80 PLUS GOLD	166
2U REDUNDANT	G1W2-5660V3V	660W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	G1W-3660V	PMBus	High Efficiency		167
2U REDUNDANT	G1W2-5760V3V	760W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	G1W-3760V	PMBus	High Efficiency		167
2U REDUNDANT	G1W2-5860V3V	860W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	G1W-3860V	PMBus	High Efficiency		167
2U REDUNDANT	G1W2-5960V3V	960W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	G1W-3960V	PMBus	High Efficiency	80 PLUS GOLD	167
2U REDUNDANT	G1W2-5A10V3V	1010W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	G1W-3A10V	PMBus	High Efficiency	80 PLUS GOLD	168
2U REDUNDANT	G1W2-5C00V3V	1200W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	G1W-3C00V	PMBus	High Efficiency		168
2U REDUNDANT	M1L2-5650P3V	650W	PFC	330 / 12.99	101.2 / 3.98	84 / 3.31	M1L-5650P3				169
2U REDUNDANT	M1L2-5700P3V	700W	PFC	330 / 12.99	101.2 / 3.98	84 / 3.31	M1L-5700P3				169
2U REDUNDANT	R2Z-6350P	350W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	R2Z-6350P-R				170
2U REDUNDANT	R2Z-6400P	400W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	R2Z-6400P-R				170
2U REDUNDANT	R2G-5420P4V	420W	PFC	276 / 10.87	101 / 3.98	82 / 3.23	R2G-6300P-R				171
2U REDUNDANT	R2G-6300P	300W	PFC	300 / 11.81	101 / 3.98	82 / 3.23	R2G-6300P-R				172
2U REDUNDANT	R2G-6350P	350W	PFC	300 / 11.81	101 / 3.98	82 / 3.23	GIN-6350P				172
2U REDUNDANT	R2G-5420V4V	420W	PFC	276 / 10.87	101 / 3.98	82 / 3.23	GIN-3500V	PMBus	High Efficiency	80 PLUS SILVER	173
2U REDUNDANT	R2G-5500V4V	500W	PFC	276 / 10.87	101 / 3.98	82 / 3.23	GIN-3500V	PMBus	High Efficiency	80 PLUS SILVER	173
2U REDUNDANT	R2G-5600V4V	600W	PFC	276 / 10.87	101 / 3.98	82 / 3.23	GIN-3600V	PMBus	High Efficiency	80 PLUS SILVER	173
NEW 2U REDUNDANT	ATN2-5400V	400W	PFC	300 / 11.81	101 / 3.98	82 / 3.23	ATN-5400V	PMBus	High Efficiency		174
NEW 2U REDUNDANT	ATN2-5500V	500W	PFC	300 / 11.81	101 / 3.98	82 / 3.23	ATN-5500V	PMBus	High Efficiency		174
NEW 2U REDUNDANT	ATN2-5600V	600W	PFC	300 / 11.81	101 / 3.98	82 / 3.23	ATN-5600V	PMBus	High Efficiency		174
NEW 2U REDUNDANT	K1S2-5820V4V	820W	PFC	340 / 13.39	80 / 3.15	84 / 3.31	K1S-2820V	PMBus	High Efficiency		175
2U REDUNDANT	R2W-5600P3V	600W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	R2W-5600P-R				176
2U REDUNDANT	R2W-6400P	400W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	R2W-6400P-R				177
2U REDUNDANT	R2W-6460P	460W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	R2W-6460P-R				177
2U REDUNDANT	R2W-6500P	500W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	R2W-6500P-R				177
2U REDUNDANT	M2W-6460P	460W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	M1W-6460P				178
2U REDUNDANT	M2W-6500P	500W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	M1W-6500P				178
2U REDUNDANT	M2W-6550P	550W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	M1W-6550P				178
2U REDUNDANT	MTW2-5660V3V	660W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	MTW-5660V	PMBus	High Efficiency		179
2U REDUNDANT	MTW2-5760V3V	760W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	MTW-5760V	PMBus	High Efficiency		179
2U REDUNDANT	MTW2-5820V3V	820W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	MTW-5820V	PMBus	High Efficiency		179
2U REDUNDANT	MTW2-5900V3V	900W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	MTW-5900V	PMBus	High Efficiency		179
2U REDUNDANT	MTW2-5901V3V	900W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	MTW-5900V	PMBus	High Efficiency		179
2U REDUNDANT	R2K-5800V	800W	PFC	340 / 13.39	101 / 3.98	82 / 3.23	KIN-2800V	PMBus	High Efficiency	80 PLUS GOLD	180
2U REDUNDANT	R2K-5A00V	1000W	AC 240V	340 / 13.39	101 / 3.98	82 / 3.23	KIN-2800V	PMBus	High Efficiency	80 PLUS GOLD	180

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
2U REDUNDANT	R2K-5C00V	1200W	PFC	340 / 13.39	101 / 3.98	82 / 3.23	KIN-2800V	PMBus	High Efficiency	80 PLUS GOLD	180
2U REDUNDANT	R2A-5350P	350W	PFC	220 / 8.66	120 / 4.72	85 / 3.35	R2A-5350P-R				181
2U REDUNDANT	R2A-6300P	300W	PFC	220 / 8.66	120 / 4.72	85 / 3.35	R2A-6300P-R				182
2U REDUNDANT	R2A-6320P	320W	PFC	220 / 8.66	120 / 4.72	85 / 3.35	R2A-6320P-R				182
MINI REDUNDANT	RSPM-6300P	300W	PFC	160 / 6.3	150 / 5.91	86 / 3.39					183
MINI REDUNDANT	MRP-6420P	420W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	MRP-6420P-R				184
MINI REDUNDANT	MRT-6300P	300W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	MRT-6300P-R				185
MINI REDUNDANT	MRT-6320P	320W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	MRT-6320P-R				185
NEW MINI REDUNDANT	MRT-5320G0V	320W	PFC	330 / 12.99	101.2 / 3.98	84 / 3.31	MRT-2320V-R	PMBus	High Efficiency	80 PLUS GOLD	186
MINI REDUNDANT	MRW-6350P	350W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	MRW-6350P-R				187
MINI REDUNDANT	MRW-6400P	400W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	MRW-6400P-R				187
MINI REDUNDANT	MRW-6420P	420W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	MRW-6420P-R				187
MINI REDUNDANT	MRW-5450V4V	450W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	MRW-3450V-R	PMBus	High Efficiency		188
MINI REDUNDANT	MRW-5500V4V	500W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	MRW-3500V-R	PMBus	High Efficiency		188
MINI REDUNDANT	MRW-5600V4V	600W	PFC	300 / 11.81	101.2 / 3.98	84 / 3.31	MRW-3600V-R	PMBus	High Efficiency	80 PLUS SILVER	188
MINI REDUNDANT	MRG-6460P	460W	PFC	330 / 12.99	101.2 / 3.98	84 / 3.31	MRG-6460P-R				189
MINI REDUNDANT	MRG-6500P	500W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	MRG-6500P-R				189
MINI REDUNDANT	MRG-5700V4V	700W	PFC	265 / 10.43	101.2 / 3.98	84 / 3.31	MRG-3700V-R	PMBus	High Efficiency		190
MINI REDUNDANT	MRG-5800V4V	800W	PFC	276 / 10.87	101 / 3.98	82 / 3.23	MRG-3800V-R	PMBus	High Efficiency		190
MINI REDUNDANT	R2U-6300P	300W	PFC	300 / 11.81	101 / 3.98	82 / 3.23	R2U-6300P-R				191
MINI REDUNDANT	MX3-6550P	550W	PFC	300 / 11.81	101 / 3.98	82 / 3.23	MX1-6300P				192
MINI REDUNDANT	MX3-6600P	600W	PFC	276 / 10.87	101 / 3.98	82 / 3.23	MX1-6325P				192
MINI REDUNDANT	MX3-5700P	700W	PFC	276 / 10.87	101 / 3.98	82 / 3.23	MX1-5350P				193
MINI REDUNDANT	MX3-5750P	750W	PFC	276 / 10.87	101 / 3.98	82 / 3.23	MX1-5375P				193
MINI REDUNDANT	MRM-6550P	550W	PFC	300 / 11.81	101 / 3.98	82 / 3.23	MRM-6550P-R				194
MINI REDUNDANT	MRM-6600P	600W	PFC	300 / 11.81	101 / 3.98	82 / 3.23	MRM-6600P-R				194
MINI REDUNDANT	MRM-6650P	650W	PFC	340 / 13.39	80 / 3.15	84 / 3.31	MRM-6650P-R				194
NEW MINI REDUNDANT	MRH2-5AD0V0H	1400W	PFC	280 / 11.02	150 / 5.91	86 / 3.39	MRH-2AD0V		High Efficiency		195
PS2*2 REDUNDANT	RHD-6400P	400W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	HP2-6460P-R				196
PS2*2 REDUNDANT	RHD-6460P	460W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	HP2-6500P-R				196
PS2*2 REDUNDANT	RHI-6400P	400W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	HP2-6460P-R				197
PS2*2 REDUNDANT	RHI-6460P	460W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	HP2-6500P-R				197
PS2*2 REDUNDANT	RHH-6400P	400W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	HP2-6460P-R				198
PS2*2 REDUNDANT	RHH-6460P	460W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	HP2-6500P-R				198
N + 1 REDUNDANT	G1M3-5570P4V	570W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	G1M-5300P				199
N + 1 REDUNDANT	G1M4-5810P4V	810W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	G1M-5300P				200

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
N + 1 REDUNDANT	M1Z3-6760P3V	760W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	M1Z-6400P3				201
N + 1 REDUNDANT	M1Z3-6800P3V	800W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	M1Z-6420P3				201
N + 1 REDUNDANT	M1Z3-5950V3V	950W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	M1Z-5500V		✓		202
N + 1 REDUNDANT	M1Z3-5A45V3V	1045W	PFC	300 / 11.81	101 / 3.98	84 / 3.31	M1Z-5550V		✓		202
N + 1 REDUNDANT	M1Z3-5950V3H	950W	PFC	340 / 13.39	101 / 3.98	82 / 3.23	M1Z-5500V		✓		203
NEW N + 1 REDUNDANT	MTW3-5C50V3V	1250W	PFC	340 / 13.39	101 / 3.98	82 / 3.23	MTW-5660V	PMBus	✓		204
N + 1 REDUNDANT	M3W-6950P	950W	PFC	340 / 13.39	101 / 3.98	82 / 3.23	M1W-6500P				205
N + 1 REDUNDANT	M4W-6D50P	1350W	PFC	220 / 8.66	120 / 4.72	85 / 3.35	M1W-6500P				206
NEW N + 1 REDUNDANT	MTW4-5H80V3V	1780W	PFC	220 / 8.66	120 / 4.72	85 / 3.35	MTW-5660V	PMBus	✓		207
N + 1 REDUNDANT	R3U-6460P	460W	PFC	220 / 8.66	120 / 4.72	85 / 3.35	MIN-6250P				208
N + 1 REDUNDANT	R3G-5800P4V	800W	PFC	160 / 6.3	150 / 5.91	86 / 3.39	GIN-5420P		✓		209
N + 1 REDUNDANT	R3G-6650P	650W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	GIN-6350P				210
N + 1 REDUNDANT	R3G-5500V4V	500W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	GIN-3800V	PMBus	✓	80 PLUS SILVER	211
N + 1 REDUNDANT	R3G-5800V4V	800W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	GIN-3800V	PMBus	✓	80 PLUS SILVER	211
N + 1 REDUNDANT	R3G-5950V4V	950W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	GIN-3500V	PMBus	✓	80 PLUS SILVER	211
N + 1 REDUNDANT	R3G-5B40V4V	1140W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	GIN-3600V	PMBus	✓	80 PLUS SILVER	211
N + 1 REDUNDANT	SPH2-5A00V4H	1000W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	SPH-2A00V		✓		212
N + 1 REDUNDANT	SPH2-5C00V4H	1200W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	SPH-2C00V		✓		212
N + 1 REDUNDANT	MR3-6450P	450W	PFC	185 / 7.28	150 / 5.91	86 / 3.39	MIN-6250P				213
N + 1 REDUNDANT	MR3-6460P	460W	PFC	254 / 10	150 / 5.91	82 / 3.23	MIN-6250P				213
N + 1 REDUNDANT	MR3-6480P	480W	PFC	254 / 10	150 / 5.91	82 / 3.23	MIN-6250P				213
N + 1 REDUNDANT	GIH3-6650P	650W	PFC	330 / 12.99	290 / 11.42	42 / 1.65	GIN-6350P				214
NEW N + 1 REDUNDANT	M1P4-6D50V4H	1350W	PFC	260 / 10.24	359 / 14.13	41.8 / 1.65	M1P-2500V	PMBus	✓		215
N + 1 REDUNDANT	M1G3-6930P	930W	PFC	335 / 13.19	369 / 14.53	42 / 1.65	M1G-6500P				216
N + 1 REDUNDANT	M1Z4-5A80V3H	1080W	PFC	310 / 12.2	422 / 16.61	43 / 1.69	M1Z-5460V		✓		217
N + 1 REDUNDANT	M1Z4-5C40V3H	1240W	PFC	310 / 12.2	422 / 16.61	43 / 1.69	M1Z-5460V		✓		217
N + 1 REDUNDANT	M1Z4-5D50V3H	1350W	PFC	310 / 12.2	422 / 16.61	43 / 1.69	M1Z-5500V		✓		217
N + 1 REDUNDANT	M1Z4-5E85V3H	1485W	PFC	310 / 12.2	422 / 16.61	43 / 1.69	M1Z-5550V		✓		217
N + 1 REDUNDANT	M1W3-6950P	950W	PFC	330 / 12.99	383 / 15.08	42 / 1.65	M1W-6500P				218
N + 1 REDUNDANT	M1W3-5B40P3H	1140W	PFC	330 / 12.99	383 / 15.08	43 / 1.69	M1W-5600P				219
N + 1 REDUNDANT	M1W3-5F40V3H	1540W	PFC	330 / 12.99	383 / 15.08	43 / 1.69	M1W-2810V	PMBus	✓	80 PLUS SILVER	220
N + 1 REDUNDANT	M1W4-5G20P3V	1620W	PFC	300 / 11.81	101 / 3.98	166 / 6.54	M1W-5600P				221
N + 1 REDUNDANT	M1W4-5K40P3V	2040W	PFC	300 / 11.81	101 / 3.98	166 / 6.54	M1W-5600P				221
N + 1 REDUNDANT	M1W4-5G20P3H	1620W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	M1W-5600P				222
N + 1 REDUNDANT	M1W4-6D50P	1350W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	M1W-6500P				223
N + 1 REDUNDANT	M1W4-5L80V3H	2180W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	M1W-2810V	PMBus	✓		224

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	FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
	N + 1 REDUNDANT	M1W4-5O50V3H	2450W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	M1W-2910V	PMBus			224
	N + 1 REDUNDANT	M1W4-5R20V3H	2720W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	M1W-2A10V	PMBus		80 PLUS GOLD	224
NEW	N + 1 REDUNDANT	M1W4-5W40V3H	3240W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	M1W-2A10V	PMBus		80 PLUS GOLD	224
	N + 1 REDUNDANT	M1W4-5CH0V0H	3300W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	M1W-2A10V	PMBus			224
	N + 1 REDUNDANT	MTW4-5C50V3H	1250W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	MTW-5660V	PMBus			225
	N + 1 REDUNDANT	MTW4-5F50V3H	1550W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	MTW-5820V	PMBus			225
NEW	N + 1 REDUNDANT	MTW4-5H10V3H	1710W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	MTW-5900V	PMBus			225
	N + 1 REDUNDANT	MTW4-5H80V3H	1780W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	MTW-5660V	PMBus			225
NEW	N + 1 REDUNDANT	MTW4-5K50V3H	2050W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	MTW-5760V	PMBus			225
NEW	N + 1 REDUNDANT	MTW4-5M10V3H	2210W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	MTW-5820V	PMBus			225
	N + 1 REDUNDANT	MTW4-5O30V3H	2430W	PFC	340 / 13.39	422 / 16.61	43 / 1.69	MTW-5900V	PMBus			225
	N + 1 REDUNDANT	PSS2-5A00V3H	1000W	PFC	360 / 14.17	127 / 5	44 / 1.73	PSS-2A00V	PMBus		80 PLUS GOLD	226
	N + 1 REDUNDANT	PSS2-5C00V3H	1200W	PFC	360 / 14.17	127 / 5	44 / 1.73	PSS-2C00V	PMBus		80 PLUS GOLD	226
NEW	N + 1 REDUNDANT	M1K6-5DH0V0H	4800W	PFC	470 / 18.5	425 / 16.73	43 / 1.69	M1K-2C00V				227
NEW	AC N + 1	R1T-1120V	120W	PFC	167 / 6.57	50.5 / 1.99	40 / 1.57					228
NEW	AC N + 1	R1S-1120V	120W	PFC	100 / 3.94	81.5 / 3.21	40.3 / 1.59				80 PLUS BRONZE	229
NEW	AC N + 1	R1U-2220V	220W	PFC	224 / 8.82	50.5 / 1.99	40 / 1.57				80 PLUS GOLD	230
	AC N + 1	M1S-3400V	400W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57		PMBus			231
	AC N + 1	M1S-3401V	400W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57		PMBus			231
	AC N + 1	M1S-3500V	500W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57		PMBus			231
	AC N + 1	M1S-3501V	500W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57		PMBus			231
	AC N + 1	M1S-3551V	550W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57		PMBus			231
	AC N + 1	M1U-2650V	650W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57		PMBus			232
	AC N + 1	M1U-2750V	750W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57		PMBus			232
	AC N + 1	M1U-2800V	800W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57		PMBus			232
	AC N + 1	M1V-2800V	800W	PFC	300 / 11.81	50.5 / 1.99	40 / 1.57		PMBus			233
	AC N + 1	M1K-2A00V	1000W	PFC	350 / 13.78	50.5 / 1.99	40 / 1.57		PMBus			234
	AC N + 1	M1K-2C00V	1200W	PFC	350 / 13.78	50.5 / 1.99	40 / 1.57		PMBus			234
	AC 1 + 1	R1V-2275V	275W	PFC	236 / 9.29	50.5 / 1.99	40 / 1.57		PMBus			235
	AC 1 + 1	SPH-2A00V	1000W	PFC	335 / 13.19	61 / 2.4	45 / 1.77		PMBus			236
	AC 1 + 1	SPH-2C00V	1200W	PFC	335 / 13.19	61 / 2.4	45 / 1.77		PMBus			236
	AC N + 1	PSS-2A00V	1000W	PFC	310 / 12.2	61 / 2.4	40.5 / 1.59		PMBus		80 PLUS GOLD	237
	AC N + 1	PSS-2C00V	1200W	PFC	310 / 12.2	61 / 2.4	40.5 / 1.59		PMBus		80 PLUS GOLD	237
	AC N + 1	PSS-2E00V	1400W	PFC	310 / 12.2	61 / 2.4	40.5 / 1.59		PMBus		80 PLUS GOLD	237
	AC N + 1	MIN-6251P	250W	PFC	200 / 7.87	79 / 3.11	40 / 1.57					238
	AC N + 1	G1M-5300P	300W	PFC	215 / 8.46	79 / 3.11	40 / 1.57					239

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
AC N + 1	GTM-5400V	400W	PFC	215 / 8.46	79 / 3.11	40 / 1.57		PMBus			240
AC N + 1	MX1-6300P	300W	PFC	224 / 8.82	79 / 3.11	48.6 / 1.91					241
AC N + 1	MX1-6325P	325W	PFC	224 / 8.82	79 / 3.11	48.6 / 1.91					241
AC N + 1	MX1-5350P	350W	PFC	224 / 8.82	81 / 3.19	48.6 / 1.91					242
AC N + 1	MX1-5375P	375W	PFC	224 / 8.82	81 / 3.19	48.6 / 1.91					242
AC N + 1	GIN-5420P	420W	PFC	250 / 9.84	79 / 3.11	40.5 / 1.59					243
AC N + 1	GIN-6350P	350W	PFC	242 / 9.53	79 / 3.11	40.5 / 1.59					244
AC N + 1	GIN-3420V	420W	PFC	250 / 9.84	79 / 3.11	40.5 / 1.59		PMBus			245
AC N + 1	GIN-3500V	500W	PFC	250 / 9.84	79 / 3.11	40.5 / 1.59		PMBus		80 PLUS SILVER	245
AC N + 1	GIN-3600V	600W	PFC	250 / 9.84	79 / 3.11	40.5 / 1.59		PMBus		80 PLUS SILVER	245
AC N + 1	GIN-3800V	800W	PFC	305 / 12.01	79 / 3.11	40 / 1.57		PMBus		80 PLUS SILVER	246
NEW AC N + 1	ATN-5400V	400W	PFC	265 / 10.43	79 / 3.11	40.5 / 1.59		PMBus			247
NEW AC N + 1	ATN-5500V	500W	PFC	265 / 10.43	79 / 3.11	40.5 / 1.59		PMBus			247
NEW AC N + 1	ATN-5600V	600W	PFC	265 / 10.43	79 / 3.11	40.5 / 1.59		PMBus			247
AC N + 1	K1S-2820V	820W	PFC	305 / 12.01	76 / 2.99	40 / 1.57		PMBus			248
AC N + 1	KIN-2800V	800W	PFC	305 / 12.01	79 / 3.11	40 / 1.57		PMBus		80 PLUS GOLD	249
AC N + 1	KIN-2A00V	1000W	PFC	305 / 12.01	79 / 3.11	40 / 1.57		PMBus			249
AC N + 1	KIN-2C00V	1200W	PFC	305 / 12.01	79 / 3.11	40 / 1.57		PMBus			249
AC 1 + 1	P1S-2300V-R	300W	PFC	170 / 6.69	81.5 / 3.21	40.3 / 1.59					250
AC 1 + 1	P1S-2400V-R	400W	PFC	170 / 6.69	81.5 / 3.21	40.3 / 1.59					250
AC 1 + 1	P1S-3180V-R	180W	PFC	170 / 6.69	81.5 / 3.21	40.3 / 1.59					251
AC N + 1	M1P-2420V	420W	PFC	180 / 7.09	81.5 / 3.21	40.3 / 1.59		PMBus		80 PLUS GOLD	252
AC N + 1	M1P-2500V	500W	PFC	180 / 7.09	81.5 / 3.21	40.3 / 1.59		PMBus		80 PLUS GOLD	252
AC 1 + 1	R2Z-6350P-R	350W	PFC	230.3 / 9.07	98.4 / 3.87	40 / 1.57					253
NEW AC 1 + 1	R2Z-6400P-R	400W	PFC	230.3 / 9.07	98.4 / 3.87	40 / 1.57					253
AC 1 + 1	R2W-5600P-R	600W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57					254
AC 1 + 1	R2W-6460P-R	460W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57					255
AC 1 + 1	R2W-6500P-R	500W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57					255
AC N + 1	MTW-5660V	660W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus			256
AC N + 1	MTW-5760V	760W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus			256
AC N + 1	MTW-5820V	820W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus			256
AC N + 1	MTW-5900V	900W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus			256
AC N + 1	M1Z-5400V	400W	PFC	230.3 / 9.07	98.4 / 3.87	40 / 1.57					257
AC N + 1	M1Z-5460V	460W	PFC	230.3 / 9.07	98.4 / 3.87	40 / 1.57					257
AC N + 1	M1Z-5500V	500W	PFC	230.3 / 9.07	98.4 / 3.87	40 / 1.57					257
AC N + 1	M1Z-5550V	550W	PFC	230.3 / 9.07	98.4 / 3.87	40 / 1.57					257

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
AC N + 1	G1W-3660V	660W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus		80 PLUS SILVER	258
AC N + 1	G1W-3760V	760W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus		80 PLUS SILVER	258
AC N + 1	G1W-3860V	860W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus			258
AC N + 1	G1W-3960V	960W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus		80 PLUS GOLD	258
AC N + 1	G1W-3A10V	1010W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus		80 PLUS GOLD	258
AC N + 1	G1W-3C00V	1200W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus			258
AC N + 1	M1W-6460P	460W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57					259
AC N + 1	M1W-6500P	500W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57					259
AC N + 1	M1W-6550P	550W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57					259
AC N + 1	M1W-2600G	600W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus		80 PLUS GOLD	260
AC N + 1	M1W-2810V	810W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus		80 PLUS SILVER	261
AC N + 1	M1W-2910V	910W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus			261
AC N + 1	M1W-2A10V	1010W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus		80 PLUS GOLD	261
AC N + 1	M1W-2C00V	1200W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus		80 PLUS GOLD	261
AC N + 1	M1W-2E00V	1400W	PFC	265.3 / 10.44	98.4 / 3.87	40 / 1.57		PMBus		80 PLUS GOLD	261
AC N + 1	M1W-3500V	500W	PFC	265.3 / 10.44	98.4 / 3.87	40.5 / 1.59					262
AC N + 1	M1W-3600V	600W	PFC	265.3 / 10.44	98.4 / 3.87	40.5 / 1.59					262
AC N + 1	S1L-2C00V	1200W	PFC	279.4 / 11	98.4 / 3.87	40 / 1.57		PMBus			263
AC N + 1	S1M-5350P	350W	PFC	247.9 / 9.76	106 / 4.17	40 / 1.57					264
AC N + 1	S1M-5460P	460W	PFC	247.9 / 9.76	106 / 4.17	40 / 1.57					264
AC N + 1	S1M-5500P	500W	PFC	247.9 / 9.76	106 / 4.17	40 / 1.57					264
AC N + 1	S1M-5500V	500W	PFC	247.9 / 9.76	106 / 4.17	40 / 1.57					265
AC N + 1	S1M-5550V	550W	PFC	247.9 / 9.76	106 / 4.17	40 / 1.57					265
AC 1 + 1	MRT-6300P-R	300W	PFC	153 / 6.02	120 / 4.72	41.4 / 1.63					266
AC 1 + 1	MRT-6320P-R	320W	PFC	153 / 6.02	120 / 4.72	41.4 / 1.63					266
AC 1 + 1	R2A-5350P-R	350W	PFC	190 / 7.48	117 / 4.61	40.5 / 1.59					267
AC 1 + 1	R2A-6300P-R	300W	PFC	190 / 7.48	117 / 4.61	40.5 / 1.59					268
AC 1 + 1	R2A-6320P-R	550W	PFC	190 / 7.48	117 / 4.61	40.5 / 1.59					268
AC 1 + 1	MRM-6550P-R	550W	PFC	220 / 8.66	137 / 5.39	40 / 1.57					269
AC 1 + 1	MRM-6600P-R	600W	PFC	220 / 8.66	137 / 5.39	40 / 1.57					269
AC 1 + 1	MRM-6650P-R	650W	PFC	220 / 8.66	137 / 5.39	40 / 1.57					269
AC 1 + 1	MRW-6350P-R	350W	PFC	161 / 6.34	143 / 5.63	41.4 / 1.63					270
AC 1 + 1	MRW-6400P-R	400W	PFC	161 / 6.34	143 / 5.63	41.4 / 1.63					270
AC 1 + 1	MRW-6420P-R	420W	PFC	161 / 6.34	143 / 5.63	41.4 / 1.63					270

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
AC 1 + 1	MRW-3450V-R	450W	PFC	161 / 6.34	143 / 5.63	41.4 / 1.63					271
AC 1 + 1	MRW-3500V-R	500W	PFC	161 / 6.34	143 / 5.63	41.4 / 1.63					271
AC 1 + 1	MRW-3600V-R	600W	PFC	161 / 6.34	143 / 5.63	41.4 / 1.63					271
AC 1+1	MRT-2320G-R	320W	PFC	161 / 6.34	143 / 5.63	41.4 / 1.63					272
AC 1 + 1	MRG-6460P-R	460W	PFC	176 / 6.93	143 / 5.63	41.4 / 1.63					273
AC 1 + 1	MRG-6500P-R	500W	PFC	176 / 6.93	143 / 5.63	41.4 / 1.63					273
AC N + 1	MPN1-5350P	350W	PFC	160 / 6.3	142 / 5.59	42 / 1.65					274
AC N + 1	MPN1-5420P	420W	PFC	160 / 6.3	142 / 5.59	42 / 1.65					274
AC 1+1	MRG-3700V-R	700W	DC -48V	176 / 6.93	143 / 5.63	41.4 / 1.63					275
AC 1+1	MRG-3800V-R	800W	DC -48V	176 / 6.93	143 / 5.63	41.4 / 1.63					275
AC 1 + 1	MRH-2AD0V	1400W	DC -48V	220 / 8.66	72.5 / 2.85	82 / 3.23					276
DC N+1	DR1U-2200V	200W	DC -48V	224 / 8.82	50.5 / 1.99	40 / 1.57					277
DC N+1	DR1V-2250V	250W	DC -48V	236 / 9.29	50.5 / 1.99	40 / 1.57					278
DC N + 1	BM1U-2500V	500W	DC+24V	300 / 11.81	50.5 / 1.99	40 / 1.57					279
DC N + 1	DM1S-3400V	400W	DC -48V	300 / 11.81	50.5 / 1.99	40 / 1.57					280
DC N + 1	DM1S-3500V	500W	DC -48V	300 / 11.81	50.5 / 1.99	40 / 1.57					280
DC N + 1	DM1S-3401V	400W	DC -48V	300 / 11.81	50.5 / 1.99	40 / 1.57					280
DC N + 1	DM1S-3501V	500W	DC -48V	300 / 11.81	50.5 / 1.99	40 / 1.57					280
DC N + 1	DM1S-3551V	550W	DC -48V	300 / 11.81	50.5 / 1.99	40 / 1.57					280
DC N + 1	DM1U-2650V	650W	DC -48V	300 / 11.81	50.5 / 1.99	40 / 1.57					281
DC N + 1	DM1U-2750V	750W	DC -48V	300 / 11.81	50.5 / 1.99	40 / 1.57					281
DC N + 1	DPSS-2A00V	1000W	DC -48V	310 / 12.2	61 / 2.4	40 / 1.57					282
DC N + 1	BGIN-3420V	420W	DC 24V	250 / 9.84	79 / 3.11	40.5 / 1.59					283
DC N + 1	BGIN-3460V	460W	DC 24V	250 / 9.84	79 / 3.11	40.5 / 1.59					283
DC N + 1	DMIN-6221F	220W	DC -48V	200 / 7.87	79 / 3.11	40 / 1.57					284
DC N + 1	DGIN-6350F	350W	DC -48V	250 / 9.84	79 / 3.11	40.5 / 1.59					285
DC N + 1	DGIN-3500V	500W	DC 24V	250 / 9.84	79 / 3.11	40.5 / 1.59					286
DC N + 1	DGIN-3600V	600W	DC 24V	250 / 9.84	79 / 3.11	40.5 / 1.59					286
DC N + 1	DGIN-3800V	800W	DC -48V	305 / 12.01	79 / 3.11	40 / 1.57					287
DC N + 1	DP1S-2300V-R	300W	DC -48V	170 / 6.69	81.5 / 3.21	40.3 / 1.59					288
DC N + 1	DP1S-2400V-R	400W	DC -48V	170 / 6.69	81.5 / 3.21	40.3 / 1.59					288
DC N + 1	BM1P-2250V	250W	DC 24V	180 / 7.09	81.5 / 3.21	40.3 / 1.59					289
DC N + 1	DM1P-2500V	500W	DC -48V	180 / 7.09	81.5 / 3.21	40.3 / 1.59					290
DC N + 1	BM1Z-5360V	360W	DC 24V	230 / 9.06	98.4 / 3.87	40 / 1.57					291

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
DC N + 1	DM1Z-5500V	500W	DC -48V	230 / 9.06	98.4 / 3.87	40 / 1.57					292
DC N + 1	DM1Z-5550V	550W	DC -48V	230 / 9.06	98.4 / 3.87	40 / 1.57					292
DC N + 1	BG1W-3600V	600W	DC 24V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					293
DC N + 1	DG1W-3660V	660W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					294
DC N + 1	DG1W-3760V	760W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					294
DC N + 1	DG1W-3860V	860W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					294
DC N + 1	DG1W-3960V	960W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					294
DC N + 1	DG1W-3A10V	860W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					294
DC N + 1	DM1W-6460F	460W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					295
DC N + 1	DM1W-6500F	500W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					295
DC N + 1	DM1W-5600V	600W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					296
DC N + 1	DM1W-5650V	650W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					296
DC N + 1	DM1W-5700V	700W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					296
DC N+1	DMTW-5660V	660W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					297
DC N+1	DMTW-5820V	820W	DC -48V	265.3 / 10.44	98.4 / 3.87	40 / 1.57					297
DC N + 1	DM1L-5600V	600W	DC -48V	295.3 / 11.63	98.4 / 3.87	40.5 / 1.59					298
DC N + 1	DM1L-5650V	650W	DC -48V	295.3 / 11.63	98.4 / 3.87	40.5 / 1.59					298
DC N + 1	DM1L-5700V	700W	DC -48V	295.3 / 11.63	98.4 / 3.87	40.5 / 1.59					298
DC 1+1	DR2Z-6400F-R	400W	DC -48V	230.3 / 9.07	98.4 / 3.87	40 / 1.57					299
DC MINI REDUNDANT	BMRW-3360V-R	360W	DV 24V	161 / 6.34	143 / 5.63	41.4 / 1.63					300
DC 1+1	DMRW-6350F-R	350W	DC -48V	161 / 6.34	143 / 5.63	41.4 / 1.63					301
DC 1+1	DMRW-6375F-R	375W	DC -48V	161 / 6.34	143 / 5.63	41.4 / 1.63					301
DC 1+1	DMRW-6400F-R	400W	DC -48V	161 / 6.34	143 / 5.63	41.4 / 1.63					301
DC 1+1	DMRW-3500V-R	500W	DC -48V	161 / 6.34	143 / 5.63	41.4 / 1.63					302
DC 1+1	DMRW-3600V-R	600W	DC -48V	161 / 6.34	143 / 5.63	41.4 / 1.63					302
DC 1U	DP1P-5300V	300W	DC -48V	170 / 6.69	81.5 / 3.21	40.3 / 1.59					303
DC 1U	DP1P-5320V	320W	DC -48V	170 / 6.69	81.5 / 3.21	40.3 / 1.59					303
DC 1U	DP1A-6250F	250W	DC -48V	205 / 8.07	100 / 3.94	40.5 / 1.59					304
DC 1U	DP1A-6300F	300W	DC -48V	205 / 8.07	100 / 3.94	40.5 / 1.59					304
DC 1U	AP1A-6150F	150W	DC +12V	190 / 7.48	100 / 3.94	39 / 1.54					305
DC 1U	B1U-6150F	150W	DC +24V	190 / 7.48	100 / 3.94	40.5 / 1.59					306
DC 1U	BP1H-6300F	300W	DC +24V	225 / 8.86	100 / 3.94	40.5 / 1.59					307
DC 1U	BP1H-5420V	420W	DC+24V	225 / 8.86	100 / 3.94	40.5 / 1.59					308
DC 1U	BP1H-5460V	460W	DC+24V	225 / 8.86	100 / 3.94	40.5 / 1.59					308
DC 1U	DP1H-6350F	350W	DC -48V	225 / 8.86	100 / 3.94	40.5 / 1.59					309
DC 1U	DP1H-6400F	400W	DC -48V	225 / 8.86	100 / 3.94	40.5 / 1.59					309

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
DC 1U	DP1H-5460V	460W	DC -48V	225 / 8.86	100 / 3.94	40.5 / 1.59			✓		310
DC 1U	DP1H-5550V	500W	DC -48V	225 / 8.86	100 / 3.94	40.5 / 1.59			✓		310
DC 1U	BN1H-5750V	750W	DC -18~ -36V	225 / 8.86	100 / 3.94	40.5 / 1.59			✓		311
DC 2U	D2U-6300F	300W	DC -48V	200 / 7.87	100 / 3.94	70 / 2.76					312
DC 2U	BP2H-5420V	420W	DC+24V	215 / 8.46	100 / 3.94	70 / 2.76			✓		313
DC 2U	BP2H-5460V	460W	DC+24V	215 / 8.46	100 / 3.94	70 / 2.76			✓		313
DC 2U	BN2H-5750V	750W	DC+24V	215 / 8.46	100 / 3.94	70 / 2.76			✓		314
DC 2U	DP2H-6350F	350W	DC -48V	215 / 8.46	100 / 3.94	70 / 2.76					315
DC 2U	DP2H-6400F	400W	DC -48V	215 / 8.46	100 / 3.94	70 / 2.76					315
DC 2U	DP2H-5460V	460W	DC -48V	215 / 8.46	100 / 3.94	70 / 2.76			✓		316
DC 2U	DP2H-5500V	500W	DC -48V	215 / 8.46	100 / 3.94	70 / 2.76			✓		316
DC 2U	DP2H-5550V	550W	DC -48V	215 / 8.46	100 / 3.94	70 / 2.76			✓		316
DC PS2	BHG2-5300V	300W	DC -18~ -36V	140 / 5.51	150 / 5.91	86 / 3.39			✓		317
DC PS2	BHG2-5350V	350W	DC -18~ -36V	140 / 5.51	150 / 5.91	86 / 3.39			✓		317
DC PS2	BHG2-5400V	400W	DC -18~ -36V	140 / 5.51	150 / 5.91	86 / 3.39			✓		317
DC PS2	DHG2-5400V	400W	DC -36~ -72V	140 / 5.51	150 / 5.91	86 / 3.39			✓		318
DC PS2	DHG2-5500V	500W	DC -36~ -72V	140 / 5.51	150 / 5.91	86 / 3.39			✓		318
DC PS2	DHG2-5600V	600W	DC -36~ -72V	140 / 5.51	150 / 5.91	86 / 3.39			✓		318
DC PS2+	DPSM-6500F	500W	DC -48V	160 / 6.3	150 / 5.91	86 / 3.39					319
DC PS2+	DPSM-6550F	550W	DC -48V	160 / 6.3	150 / 5.91	86 / 3.39					319
DC PS2+	DPSM-6600F	600W	DC -48V	160 / 6.3	150 / 5.91	86 / 3.39					319
NEW DC 1U REDUNDANT	DR1U2-5200V4H	200W	DC -48V	260 / 10.24	106 / 4.17	41.8 / 1.65	DR1U-2220V		✓		320
NEW DC 1U REDUNDANT	DR1V2-5250V4H	250W	DC -48V	295 / 11.61	106 / 4.17	41.8 / 1.65	DR1V-2250V		✓		321
DC 1U REDUNDANT	BM1U2-5500V4H	500W	DC 28V	355 / 13.98	106 / 4.17	41.3 / 1.63	BM1U-2500V		✓		322
DC 1U REDUNDANT	BM1U2-5501V4H	500W	DC 28V	355 / 13.98	106 / 4.17	41.3 / 1.63	BM1U-2500V		✓		322
DC 1U REDUNDANT	DM1S2-5400V4H	400W	DC -48V	355 / 13.98	106 / 4.17	41.3 / 1.63	DM1S-3400V		✓		323
DC 1U REDUNDANT	DM1S2-5401V4H	400W	DC -48V	355 / 13.98	106 / 4.17	41.3 / 1.63	DM1S-3551V		✓		323
DC 1U REDUNDANT	DM1S2-5500V4H	500W	DC -48V	355 / 13.98	106 / 4.17	41.3 / 1.63	DM1S-3500V		✓		323
DC 1U REDUNDANT	DM1S2-5501V4H	500W	DC -48V	355 / 13.98	106 / 4.17	41.3 / 1.63	DM1S-3501V		✓		323
DC 1U REDUNDANT	DM1S2-5551V4H	550W	DC -48V	355 / 13.98	106 / 4.17	41.3 / 1.63	DM1S-3551V		✓		323
NEW DC 1U REDUNDANT	DM1U2-2650V4H	650W	DC -48V	355 / 13.98	106 / 4.17	41.8 / 1.65	DM1U-2650V		✓		324
DC 1U REDUNDANT	DM1U2-5650V4H	650W	DC -48V	355 / 13.98	106 / 4.17	41.3 / 1.63	DM1U-2650V		✓		325
DC 1U REDUNDANT	DM1U2-5750V4H	750W	DC -48V	355 / 13.98	106 / 4.17	41.3 / 1.63	DM1U-2750V		✓		325
NEW DC 1U REDUNDANT	DR1S2-5300V4H	300W	DC -48V	230 / 9.06	176 / 6.93	41.8 / 1.65	DP1S-2300V-R		✓		326
NEW DC 1U REDUNDANT	DR1S2-5380V4H	380W	DC -48V	230 / 9.06	176 / 6.93	41.8 / 1.65	DP1S-2400V-R		✓		326
DC 1U REDUNDANT	DR1M-6221F	220W	DC -48V	260 / 10.24	180 / 7.09	40.5 / 1.59	DMIN-6221F				327

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	FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
	DC 1U REDUNDANT	DR1Z-6400F	400W	DC -48V	265 / 10.43	206 / 8.11	41.5 / 1.63	DR2Z-6400F-R				328
	DC MINI REDUNDANT	BMRW-5360V4V	360W	DC +24V	185 / 7.28	150 / 5.91	86 / 3.39	BMRW-3360V-R				329
	DC MINI REDUNDANT	DMRW-6300F	300W	DC -48V	185 / 7.28	150 / 5.91	86 / 3.39	DMRW-6300F-R				330
	DC MINI REDUNDANT	DMRW-6350F	350W	DC -48V	185 / 7.28	150 / 5.91	86 / 3.39	DMRW-6350F-R				330
	DC MINI REDUNDANT	DMRW-6375F	375W	DC -48V	185 / 7.28	150 / 5.91	86 / 3.39	DMRW-6375F-R				330
	DC MINI REDUNDANT	DMRW-6400F	400W	DC -48V	185 / 7.28	150 / 5.91	86 / 3.39	DMRW-6400F-R				330
	DC MINI REDUNDANT	DMRW-5500V4V	500W	DC -48V	185 / 7.28	150 / 5.91	86 / 3.39	DMRW-3500V-R				331
	DC MINI REDUNDANT	DMRW-5600V4V	500W	DC -48V	185 / 7.28	150 / 5.91	86 / 3.39	DMRW-3500V-R				331
NEW	DC 2U REDUNDANT	BM1U2-5500V4V	500W	DC 28V	400 / 15.75	54.5 / 2.15	86 / 3.39	BM1U-2500V				332
	DC 2U REDUNDANT	BM1U2-5501V4V	500W	DC 28V	400 / 15.75	54.5 / 2.15	86 / 3.39	BM1U-2500V				332
NEW	DC 2U REDUNDANT	DM1U2-5650V4V	650W	DC -48V	400 / 15.75	54.5 / 2.15	86 / 3.39	DM1U-2650V				333
NEW	DC 2U REDUNDANT	DM1U2-5750V4V	750W	DC -48V	400 / 15.75	54.5 / 2.15	86 / 3.39	DM1U-2750V				333
NEW	DC 2U REDUNDANT	DPSS2-5A00V3V	1000W	DC -48V	385 / 15.16	65 / 2.56	84 / 3.31	PSS-2A00V	PMBus		80 PLUS GOLD	334
	DC 2U REDUNDANT	DMIN2-6221F	220W	DC -48V	230 / 9.06	82 / 3.23	85 / 3.35	DMIN-6221F				335
NEW	DC 2U REDUNDANT	DR1S2-5300V4V	300W	DC -48V	207 / 8.15	85 / 3.35	84 / 3.31	DP1S-2300V-R				336
NEW	DC 2U REDUNDANT	DR1S2-5380V4V	380W	DC -48V	207 / 8.15	85 / 3.35	84 / 3.31	DP1S-2400V-R				336
NEW	DC 2U REDUNDANT	BM1P2-5250V4V	250W	DC 24V	217 / 8.54	85 / 3.35	84 / 3.31	BM1P-2250V				337
	DC 2U REDUNDANT	DM1P2-5500V4V	500W	DC -48V	217 / 8.54	85 / 3.35	84 / 3.31	DM1P-2500V				338
	DC 2U REDUNDANT	DR2Z-6400F	400W	DC -48V	265 / 10.43	101 / 3.98	84 / 3.31	DR2G-6400F-R				339
NEW	DC 2U REDUNDANT	BM1Z2-5360V3V	360W	DC 24V	265 / 10.43	101 / 3.98	84 / 3.31	BM1Z-5360V				340
	DC 2U REDUNDANT	DM1Z2-5500V3V	500W	DC -48V	265 / 10.43	101 / 3.98	84 / 3.31	DM1Z-5500V				341
	DC 2U REDUNDANT	DM1Z2-5550V3V	550W	DC -48V	265 / 10.43	101 / 3.98	84 / 3.31	DM1Z-5550V				341
	DC 2U REDUNDANT	BR2G-5420V4V	420W	DC 24V	276 / 10.87	101 / 3.98	82 / 3.23	BGIN-3420V				342
	DC 2U REDUNDANT	BR2G-5460V4V	460W	DC 24V	276 / 10.87	101 / 3.98	82 / 3.23	BGIN-3460V				342
	DC 2U REDUNDANT	DM2W-6460F	460W	DC -48V	300 / 11.81	101 / 3.98	84 / 3.31	DM1W-6460F				343
	DC 2U REDUNDANT	DM2W-6500F	500W	DC -48V	300 / 11.81	101 / 3.98	84 / 3.31	DM1W-6500F				343
	DC 2U REDUNDANT	DR2G-6350F	350W	DC -48V	300 / 11.81	101 / 3.98	82 / 3.23	DGIN-6350F				344
	DC 2U REDUNDANT	DR2G-5500V4V	500W	DC -48V	276 / 10.87	101 / 3.98	82 / 3.23	DGIN-3500V				345
	DC 2U REDUNDANT	DR2G-5600V4V	600W	DC -48V	276 / 10.87	101 / 3.98	82 / 3.23	DGIN-3600V				345
	DC 2U REDUNDANT	DR2G-5800V	800W	DC -48V	340 / 13.39	101 / 3.98	82 / 3.23	DGIN-3800V				346
	DC 2U REDUNDANT	DM1W2-5600V3V	600W	DC -48V	300 / 11.81	101.2 / 3.98	84 / 3.31	DM1W-5600V				347
	DC 2U REDUNDANT	DM1W2-5650V3V	650W	DC -48V	300 / 11.81	101.2 / 3.98	84 / 3.31	DM1W-5650V				347
	DC 2U REDUNDANT	DM1W2-5700V3V	700W	DC -48V	300 / 11.81	101.2 / 3.98	84 / 3.31	DM1W-5700V				347
NEW	DC 2U REDUNDANT	BG1W2-5600V3V	600W	DC 24V	300 / 11.81	101.2 / 3.98	84 / 3.31	BG1W-3600V				348
NEW	DC 2U REDUNDANT	DG1W2-5660V3V	660W	DC -48V	300 / 11.81	101 / 3.98	84 / 3.31	DG1W-2660V				349
	DC 2U REDUNDANT	DG1W2-5760V3V	760W	DC -48V	300 / 11.81	101 / 3.98	84 / 3.31	DG1W-2760V				349

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FORM FACTOR	MODEL NO.	WATTAGE	INPUT	D X W X H (MM / INCH)			MODULE	PMBUS	HIGH	80+	PAGE
DC 2U REDUNDANT	DG1W2-5860V3V	860W	DC -48V	300 / 11.81	101 / 3.98	84 / 3.31	DG1W-2860V				349
DC 2U REDUNDANT	DG1W2-5960V3V	960W	DC -48V	300 / 11.81	101 / 3.98	84 / 3.31	DG1W-2760V				349
DC 2U REDUNDANT	DG1W2-5A10V3V	860W	DC -48V	300 / 11.81	101 / 3.98	84 / 3.31	DG1W-2860V				349
NEW DC 2U REDUNDANT	DMTW2-5660V3V	660W	DC -48V	300 / 11.81	101 / 3.98	84 / 3.31					350
NEW DC 2U REDUNDANT	DMTW2-5820V3V	820W	DC -48V	300 / 11.81	101 / 3.98	84 / 3.31	DMTW-5820V				350
DC 2U REDUNDANT	DM1L2-5600V3V	600W	DC -48V	330 / 12.99	101.2 / 3.98	84 / 3.31	DM1L-5600V				351
DC 2U REDUNDANT	DM1L2-5650V3V	650W	DC -48V	330 / 12.99	101.2 / 3.98	84 / 3.31	DM1L-5650V				351
DC 2U REDUNDANT	DM1L2-5700V3V	700W	DC -48V	330 / 12.99	101.2 / 3.98	84 / 3.31	DM1L-5700V				351
DC N + 1 REDUNDANT	DM3W-6950F	950W	DC -48V	300 / 11.81	101 / 3.98	125 / 4.92	DM1W-6500F				352
DC N + 1 REDUNDANT	DM4W-6D50F	1350W	DC -48V	300 / 11.81	101 / 3.98	166 / 6.54	DM1W-6500F				353
DC N + 1 REDUNDANT	DR3G-6650F	650W	DC -48V	300 / 11.81	127 / 5	82 / 3.23	DGIN-6350F				354
DC N+1 REDUNDANT	DPSS2-5A00V3H	1000W	DC -48V	360 / 14.17	127 / 5	44 / 1.73	DPSS-2A00V				355
DC N + 1 REDUNDANT	DGIH3-6650F	650W	DC -48V	330 / 12.99	290 / 11.42	42 / 1.65	DGIN-6350F				356
DC N + 1 REDUNDANT	DGIH4-6950F	950W	DC -48V	330 / 12.99	383 / 15.08	42 / 1.65	DGIN-6350F				357
DC N + 1 REDUNDANT	DM1W3-6950F	950W	DC -48V	330 / 12.99	383 / 15.08	42 / 1.65	DM1W-6500F				358
DC N + 1 REDUNDANT	DM1W4-6D50F	1350W	DC -48V	340 / 13.39	422 / 16.61	43 / 1.69	DM1W-6500F				359
NEW DC N + 1 REDUNDANT	DMTW4-5M10V3H	2210W	DC -48V	340 / 13.39	422 / 16.61	43 / 1.69	DMTW-5820V				360

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1U

HIGH EFFICIENCY
AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+40V	X	X	X	X	X
MQ1G-1035V-40	35W	0.9A	X	X	X	X	X
REGULATION LOAD		±5%	X	X	X	X	X
RIPPLE AND NOISE		400mV	X	X	X	X	X

Medical

MQ1G-1035V-40

INPUT CHARACTERISTICS:

VOLTAGE：

90~264VAC FULL RANGE

FREQUENCY：

47~63HZ

INPUT CURRENT：

1/0.5 AMPS @ ANY LOW/HIGH RANGE INPUT

INRUSH CURRENT：

35/70 AMPS @ 115/230V

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~70℃ , STORAGE –20℃ ~80℃

HOLD UP TIME： WHEN AC SOURCE SHUTDOWN DC OUTPUT MUST BE MAINTAIN 16ms IN REGULATION LIMIT AT NORMAL INPUT VOLTAGE(AC115V AT 80% OF FULL LOAD)

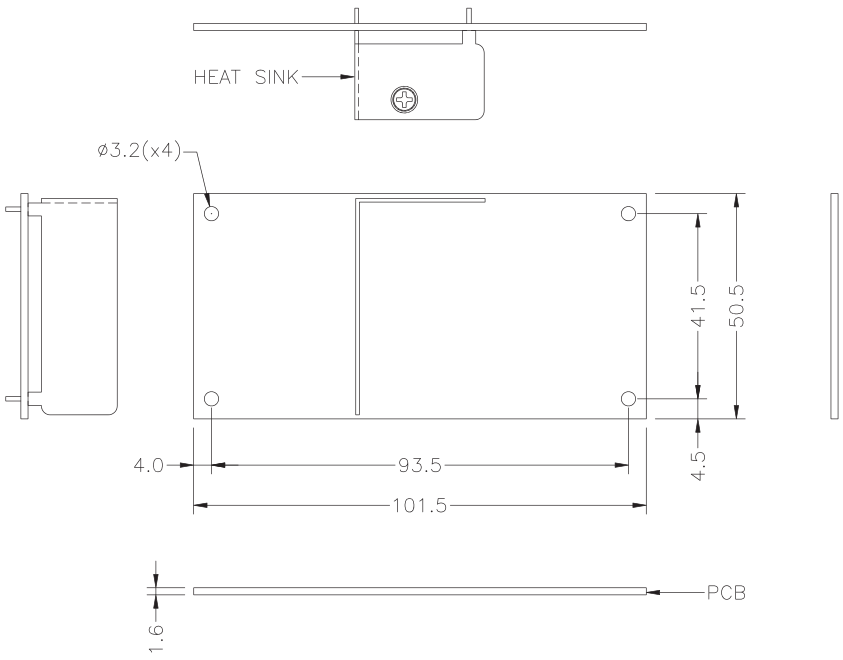
EFFICIENCY：83% (+/-2%) AT 230VAC AND LOAD CONDITION：40V/0.9A

OUTPUT PROTECTION： OPP / OVP / SCP

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：101.5mm(D)×50.5mm(W)×30mm(H)

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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1U

HIGH EFFICIENCY

AC INPUT TO DC OUTPUT

OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	X	X	X	X	X
MQ1G-1050V-5	50W	10A	X	X	X	X	X
REGULATION LOAD		±5%	X	X	X	X	X
RIPPLE AND NOISE		50mV	X	X	X	X	X



MQ1G-1050V-5

INPUT CHARACTERISTICS:

VOLTAGE：

90~264VAC FULL RANGE

FREQUENCY：

47~63HZ

INPUT CURRENT：

1.5/0.5 AMPS @ ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

35/70 AMPS @ 115/230VAC

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998, CCC

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~70℃ , STORAGE –20℃ ~80℃

HOLD UP TIME： WHEN AC SOURCE SHUTDOWN DC OUTPUT MUST BE MAINTAIN 16ms IN

REGULATION LIMIT AT NORMAL INPUT VOLTAGE(AC115V AT 80% OF FULL LOAD)

EFFICIENCY：81% (+/-2%) AT 115VAC/230VAC AND LOAD CONDITION：5V/10A

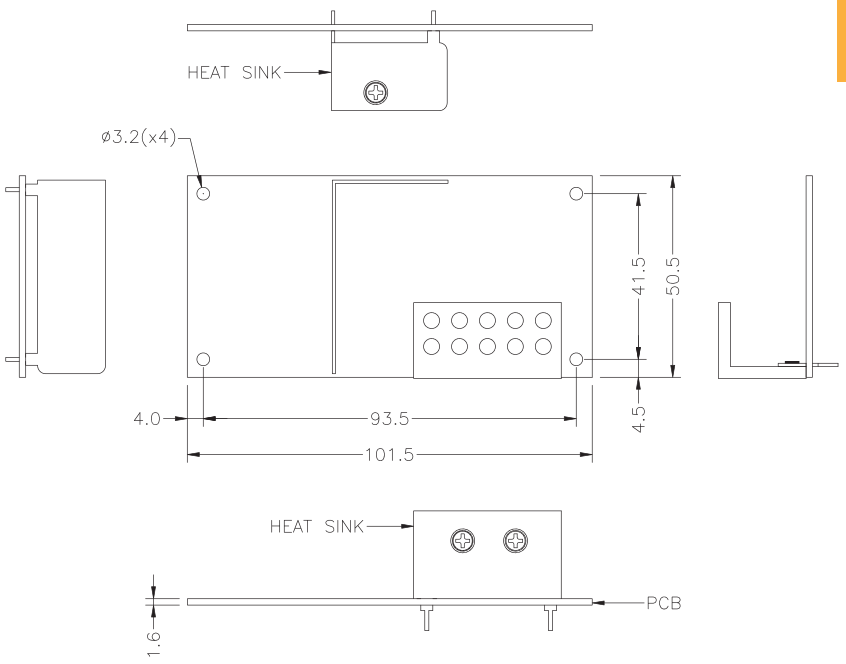
OUTPUT PROTECTION： OPP / OVP / SCP

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：101.5mm(D) × 50.5mm(W) × 30mm(H)

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.

Medical



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1U

HIGH EFFICIENCY
AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+12V	+24V	+40V	+48V	X	X
MQ1G-1060V-12	60W	5A	X	X	X	X	X
MQ1G-1060V-24	60W	X	2.5A	X	X	X	X
MQ1G-1060V-40	60W	X	X	1.5A	X	X	X
MQ1G-1060V-48	60W	X	X	X	1.25A	X	X
REGULATION LOAD		±5%	±5%	±5%	±5%	X	X
RIPPLE AND NOISE		120mV	240mV	400mV	480mV	X	X

New Medical

MQ1G-1060V-12
MQ1G-1060V-24
MQ1G-1060V-40
MQ1G-1060V-48

INPUT CHARACTERISTICS:

VOLTAGE：

90~264VAC FULL RANGE

FREQUENCY：

47~63HZ

INPUT CURRENT：

1.5/1 AMPS @ ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

35/70 AMPS @ 115/230VAC

EMI：

EC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~70℃ , STORAGE –20℃ ~80℃

HOLD UP TIME： WHEN AC SOURCE SHUTDOWN DC OUTPUT MUST BE MAINTAIN 16ms IN REGULATION LIMIT AT NORMAL INPUT VOLTAGE(AC115V AT 80% OF FULL LOAD)

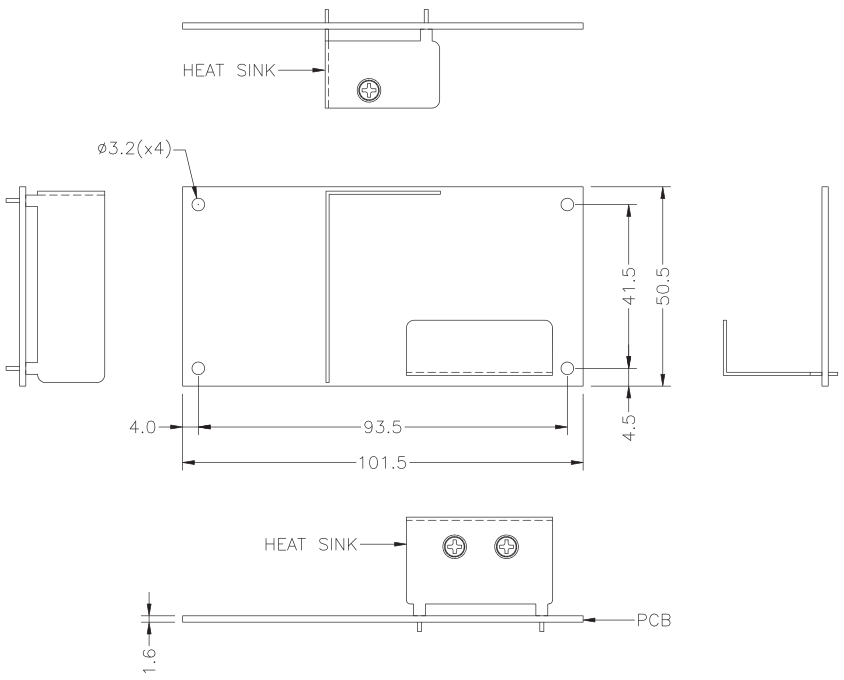
EFFICIENCY：83% (+/-2%) AT 230VAC AND LOAD CONDITION：40V/0.9A

OUTPUT PROTECTION： OPP / OVP / SCP

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：101.5mm(D)×50.5 mm(W)×30mm(H)

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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HIGH EFFICIENCY

AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
MQ1D-5120V	120W	14A	8A	12A	X	0.5A	1.5A
REGULATION LOAD		±5%	±5%	±5%	X	±10%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS：+5V and +3.3V TOTAL OUTPUT MAX：70W (WITH 20 CFM)

+5V and +3.3V TOTAL OUTPUT MAX：50W (WITHOUT FAN)

MQ1D-5120V

INPUT CHARACTERISTICS:

VOLTAGE：

90~264VAC FULL RANGE

FREQUENCY：

47~63HZ

INPUT CURRENT：

2/1 AMPS @ ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

35/70 AMPS @ 115/230VAC

POWER FACTOR CORRECTION：

PFC CAN REACH THE TARGET OF 95% AT 115/230VAC, FULL LOAD

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998, CCC

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~50℃ , STORAGE –20℃ ~80℃

HOLD UP TIME：41mS MINIMUM AT 115V FULL LOAD

EFFICIENCY：82%±2% TYPICAL @ 230V FULL LOAD

POWER GOOD SIGNAL：ON DELAY 100mS TO 550mS · OFF DELAY 1mS

OUTPUT PROTECTION： OPP / OVP / SCP

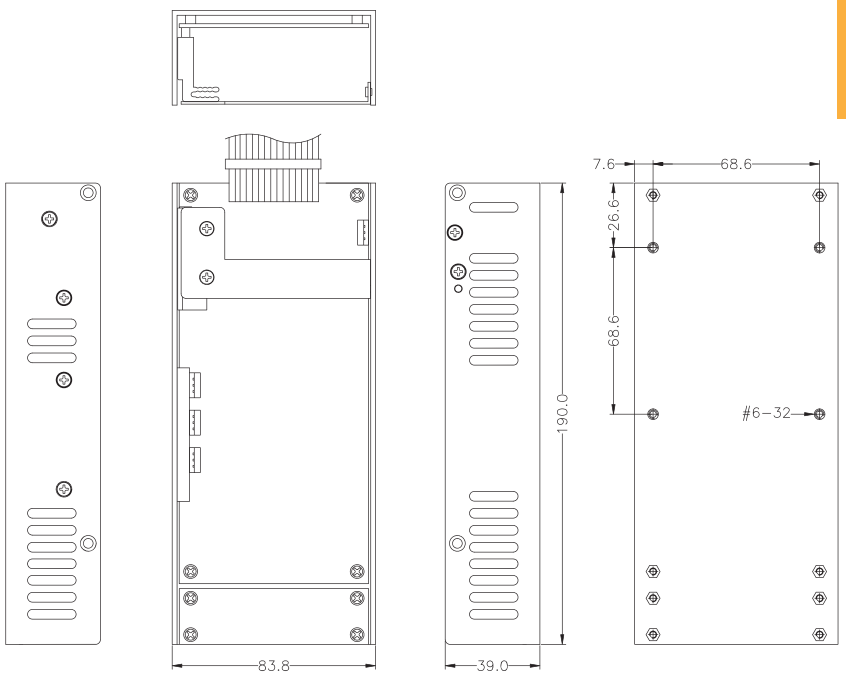
REMOTE ON/OFF CONTROL

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：190mm(D) × 83.8mm(W) × 39mm(H)

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.

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HIGH EFFICIENCY
AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
MP1S-5220V	220W	12A	16A	10A	X	0.3A	2A
MP1S-5300V	300W	18A	24A	17A	X	0.3A	2.5A
REGULATION LOAD		±5%	±5%	±5%	X	±10%	±5%
RIPPLE AND NOISE		60mV	120mV	60mV	X	120mV	60mV

REMARKS：+5V AND +3.3V TOTAL OUTPUT MAX：80W / 120W

Medical

MP1S-5220V
MP1S-5300V

INPUT CHARACTERISTICS:

VOLTAGE：

90~264VAC FULL RANGE

FREQUENCY：

47~63HZ

INPUT CURRENT：

WATTAGE	115V	230V
220W	3.5A	2A
300W	4.5A	2A

INRUSH CURRENT：

70/140 AMPS @ 115/230 VAC

POWER FACTOR CORRECTION：

PFC CAN REACH THE TARGET OF 95% AT 115/230VAC, FULL LOAD)

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~40℃ , STORAGE -20℃ ~80℃

HOLD UP TIME：16mS MINIMUM AT 115V FULL LOAD

EFFICIENCY：80%±2% TYPICAL @ 115V FULL LOAD

POWER GOOD SIGNAL：ON DELAY 100mS TO 500mS · OFF DELAY 1mS

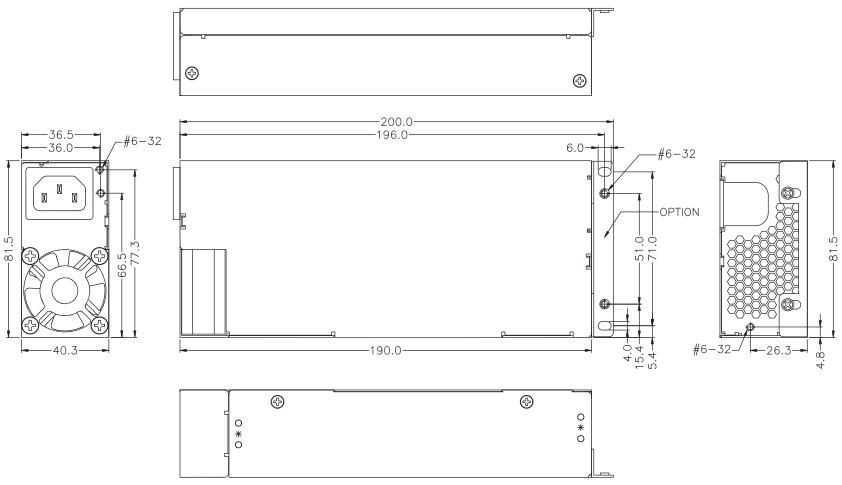
OUTPUT PROTECTION： OPP / OVP / OCP / SCP

REMOTE ON/OFF CONTROL

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：190(L)×81.5(W)×40.3(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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HIGH EFFICIENCY

AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	+24V	-12V	+5VSB
MP1S-6400V	400W	12A	16A	10A	6A	0.3A	2.5A
REGULATION LOAD		±5%	±5%	±5%	±5%	±10%	±5%
RIPPLE AND NOISE		60mV	120mV	60mV	240mV	120mV	60mV

REMARKS：+5V AND +3.3V TOTAL OUTPUT MAX：90W

+5V&+12V&-12V&+3.3V&5VSB TOTAL OUTPUT MAX：260W

MP1S-6400V

INPUT CHARACTERISTICS:

VOLTAGE：

90 ~ 264VAC FULL RANGE

FREQUENCY：

47 ~ 63HZ

INPUT CURRENT：

6/3A AT ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

70/140 AMPS @ 115/230 VAC

POWER FACTOR CORRECTION：

PFC CAN REACH THE TARGET OF 95% AT 115/230VAC, FULL LOAD

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998

CE

SPECIFICATION:W

TEMPERATURE RANGE：OPERATING 0℃~ 40℃ , STORAGE-20℃ ~80℃

HOLD UP TIME：10mS MINIMUM AT 115V FULL LOAD

EFFICIENCY：80%±2% TYPICAL @ 115V FULL LOAD

POWER GOOD SIGNAL：ON DELAY 100mS TO 500mS · OFF DELAY 1mS

OUTPUT PROTECTION： OPP / OVP / OCP / SCP

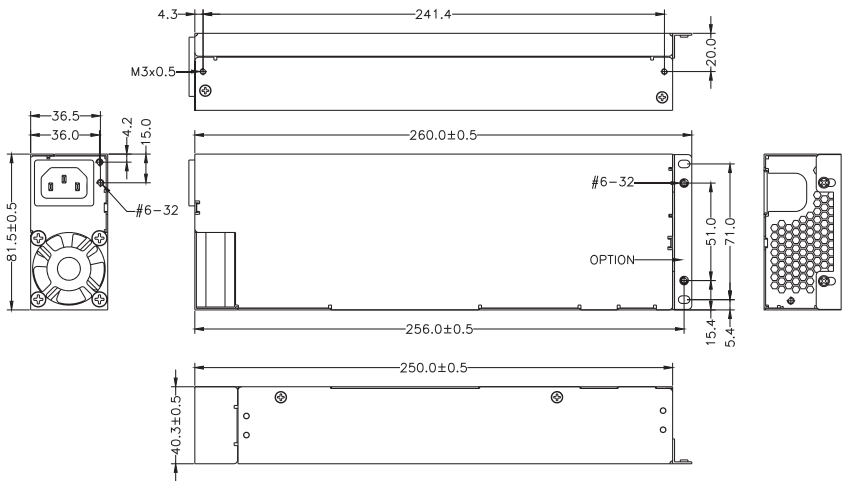
LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

REMOTE ON/OFF CONTROL

DIMENSION：250(L)×81.5(W)×40.3(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.

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HIGH EFFICIENCY

AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
MV1E-5350V	350W	20A	25A	20A	X	0.7A	2A
REGULATION LOAD		±5%	±5%	±5%	X	+13% / -7%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS：+5V AND +3.3V TOTAL OUTPUT MAX：130W

MV1E-5350V

Medical

INPUT CHARACTERISTICS:

VOLTAGE：

90~264VAC FULL RANGE

FREQUENCY：

47~63HZ

INPUT CURRENT：

6/3 AMPS @ ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

15/30 AMPS @ 115/230VAC

POWER FACTOR CORRECTION：

PFC CAN REACH THE TARGET OF 95% AT 115/230VAC, FULL LOAD

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~50℃ , OPERATING：-20℃ ~80

HOLD UP TIME：16mS MINIMUM AT 115V LOAD <300W & 24mS MINIMUM AT 230V FULL LOAD

EFFICIENCY：81-84% TYPICAL @ 110V FULL LOAD

OUTPUT PROTECTION： OPP / OVP / SCP

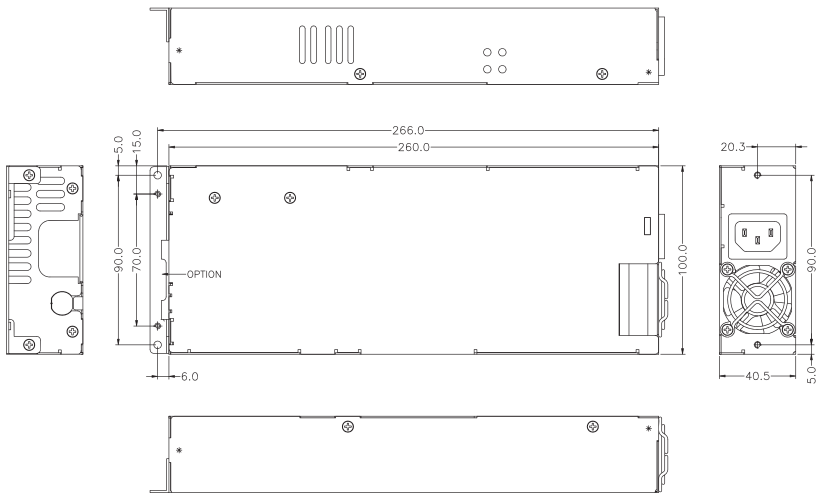
POWER GOOD SIGNAL：ON DELAY 100mS TO 550mS · OFF DELAY 1mS

REMOTE ON/OFF CONTROL

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：260(L) × 100(W) × 40.5(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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HIGH EFFICIENCY
AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
MP2M-5435V	435W	20A	32A	20A	X	0.7A	2.0A
REGULATION LOAD		±5%	±5%	±5%	X	+13/-7%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS：+5V AND +3.3V TOTAL OUTPUT MAX：130W

MP2M-5435V

INPUT CHARACTERISTICS:

VOLTAGE：

90 ~ 264 VAC FULL RANGE

FREQUENCY：

47 ~ 63 HZ

INPUT CURRENT：

7/3 AMPS @ ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

15/30 AMPS @ 115/230 VAC

POWER FACTOR CORRECTION：

PFC CAN REACH THE TARGET OF 95% AT 115/230VAC, FULL LOAD

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998

E143756

SPECIFICATION:

TEMPERATURE RANGE： OPERATING 0℃ ~ 50℃ , STORAGE -20℃ ~ 80℃

HOLD UP TIME： 16ms MINIMUM AT 115V FULL LOAD

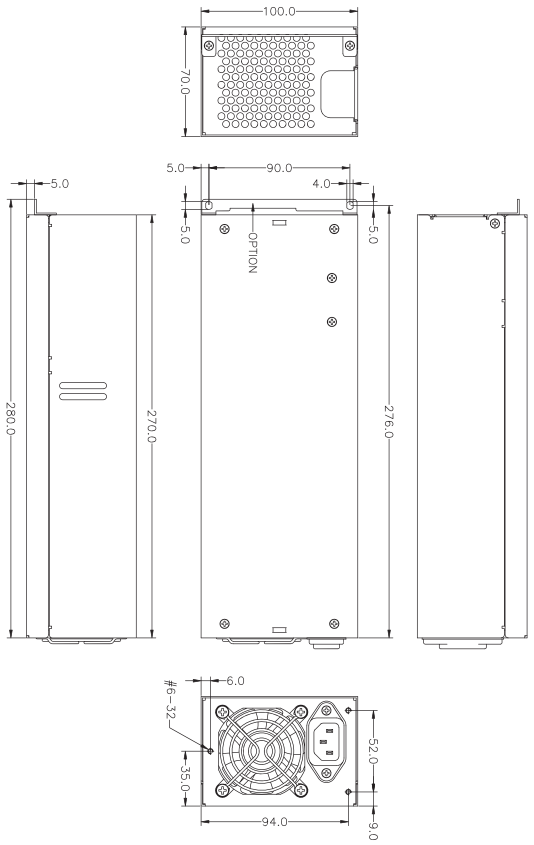
EFFICIENCY：TYPICAL 80-83% @ 110V FULL LOAD

OUTPUT PROTECTION OPP / OVP / SCP

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：270(D) X 100(W) X 70(H) MM

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
MHG2-6300P	300W	35A	22A	28A	0.5A	0.8A	2.0A
MHG2-6350P	350W	35A	26A	28A	0.5A	0.8A	2.0A
MHG2-6400P	400W	35A	30A	28A	0.5A	0.8A	2.0A
REGULATION LOAD		±5%	+7/-5%	±5%	±5%	±5%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	150mV	150mV	50mV

REMARKS：+5V AND +3.3V TOTAL OUTPUT MAX：45A

Medical

MHG2-6300P
MHG2-6350P
MHG2-6400P

INPUT CHARACTERISTICS:

VOLTAGE：

90 ~ 264 VAC FULL RANGE

FREQUENCY：

47 ~ 63 HZ

INPUT CURRENT：

WATTAGE	115V	230V
300W	5A	2.5A
350W	7A	2.5A
400W	7A	3.5A

INRUSH CURRENT：

65/125 AMPS @ 115/230VAC

POWER FACTOR CORRECTION：

PFC CAN REACH THE TARGET OF 95% AT 115/230VAC, FULL LOAD

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998

E143756

BAUART GEPRÜFT TYPE APPROVED

SPECIFICATION:

TEMPERATURE RANGE： OPERATING -10℃ ~50℃ , STORAGE -40℃ ~80℃

HOLD UP TIME： 16 ms MINIMUM AT FULL LOAD & NORMAL INPUT VOLTAGE

EFFICIENCY：70% TYPICAL @ FULL LOAD

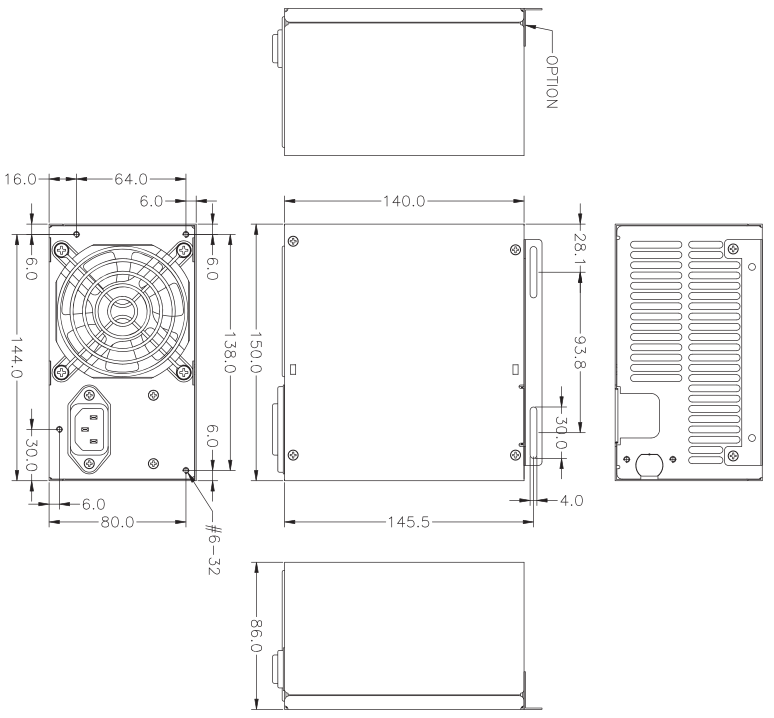
POWER GOOD SIGNAL：ON DELAY 100 ms TO 500 ms, OFF DELAY 1 ms

OUTPUT PROTECTION： OPP / OVP / SCP

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：140 (D) x150 (W) x 86 (H) mm (PS/2)

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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PS2

HIGH EFFICIENCY

AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
MHU2-5400V	400W	18A	32A	18A	X	0.5A	2A
REGULATION LOAD		±5%	±5%	±5%	X	±5%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS：+5V AND +3.3V TOTAL OUTPUT MAX：30A

MHU2-5400V

INPUT CHARACTERISTICS:

VOLTAGE：

90~264VAC FULL RANGE

FREQUENCY：

47~63HZ

INPUT CURRENT：

6/3 AMPS @ ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

20/40 AMPS @ 115/230VAC

POWER FACTOR CORRECTION：

PFC CAN REACH THE TARGET OF 95% AT 115/230VAC, FULL LOAD

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~40℃

HOLD UP TIME：16mS MINIMUM AT 115V LOAD

EFFICIENCY：80-85% TYPICAL @ 115V FULL LOAD

POWER GOOD SIGNAL：ON DELAY 100mS TO 500mS · OFF DELAY 1Ms

OUTPUT PROTECTION： OPP / OVP / SCP

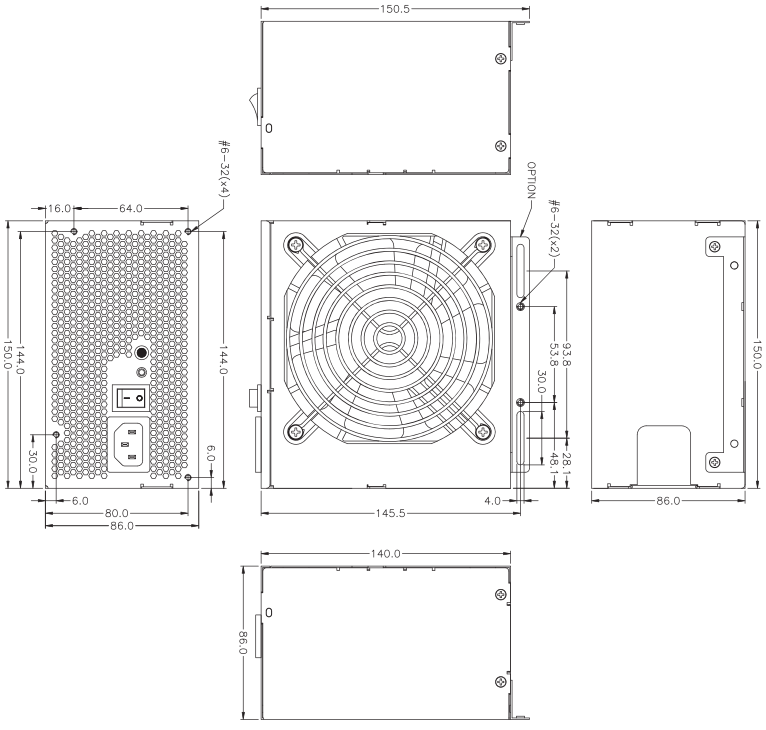
REMOTE ON/OFF CONTROL

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：140(L) × 150(W) × 86(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.

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PS2

HIGH EFFICIENCY

AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
MPSM-5500V	500W	20A	36A	20A	X	0.8A	3.5A
MPSM-5600V	600W	25A	45A	25A	X	0.8A	3.5A
REGULATION LOAD		±5%	±5%	±5%	X	±5%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS：+5V AND +3.3V TOTAL MAX：40A

Medical

MPSM-5500V
MPSM-5600V

INPUT CHARACTERISTICS:

VOLTAGE：

90 ~ 264 VAC FULL RANGE

FREQUENCY：

47 ~ 63 HZ

INPUT CURRENT：

8/4 AMPS @ ANY LOW/HIGH RANGE INPUT VOLTAGE

10/5 AMPS @ ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

20/40 AMPS @ 115/230VAC

POWER FACTOR CORRECTION：

PFC CAN REACH THE TARGET OF 95% AT 115/230VAC, FULL LOAD

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL60601-1, CUL CSA C22.2 NO. 60601-1, TUV EN 60601-1, CCC GB4943-1995, GB9254-1998, GB17625.1-1998

E143756

SPECIFICATION:

TEMPERATURE RANGE： OPERATING 0℃ ~ 40℃

HOLD UP TIME： WHEN POWER SHUTDOWN DC OUTPUT 5V MUST BE MAINTAIN 16ms IN

REGULATION LIMIT AT NORMAL INPUT VOLTAGE

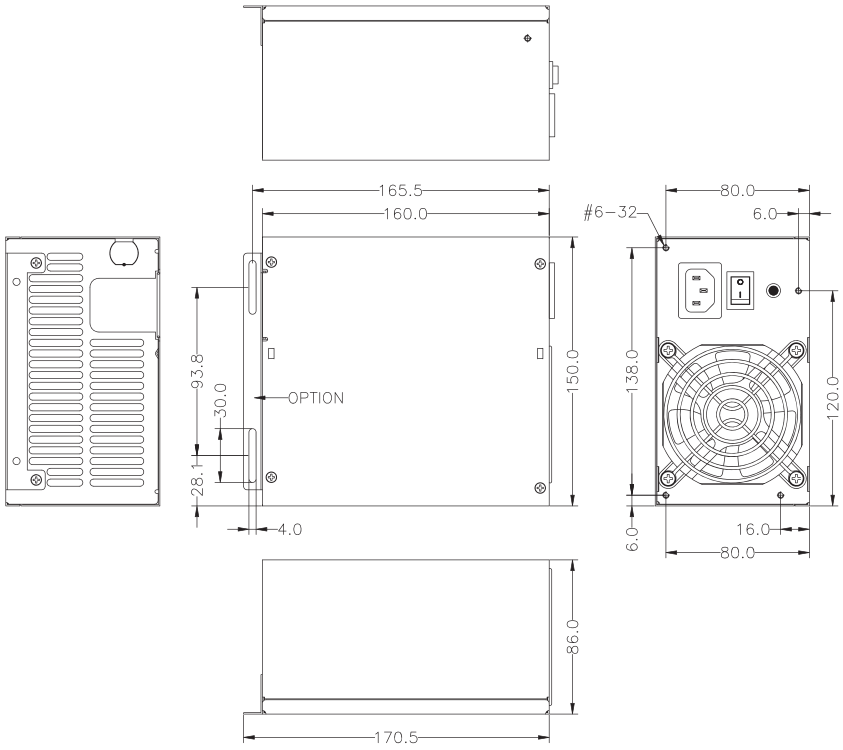
EFFICIENCY：TYPICAL 80-85% @ FULL LOAD

OUTPUT PROTECTION： OPP / OVP / SCP

LEAKAGE CURRENT：0.3mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：160(D) mm X 150(W) mm X 86(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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HIGH EFFICIENCY

AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
Q1L-5060V	60W	7A	5A	6A	X	0.3A	4A
REGULATION LOAD		±5%	±5%	±5%	X	±10%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS：+5V AND +3.3V TOTAL OUTPUT MAX：40W

Q1L-5060V

INPUT CHARACTERISTICS:

VOLTAGE：

90 ~ 264VAC FULL RANGE

FREQUENCY：

47 ~ 63HZ

INPUT CURRENT：

1.5/1A AT ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

35/70 AMPS @115/230 VAC

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL&CUL, TUV, CCC

CE

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~ 70℃ , STORAGE–20℃ ~80℃

HOLD UP TIME：16mS MINIMUM AT 115V @80% OF FULL LOAD

EFFICIENCY：80%±2% TYPICAL @ 115VAC IN

POWER GOOD SIGNAL：ON DELAY 100mS TO 550mS · OFF DELAY 1mS

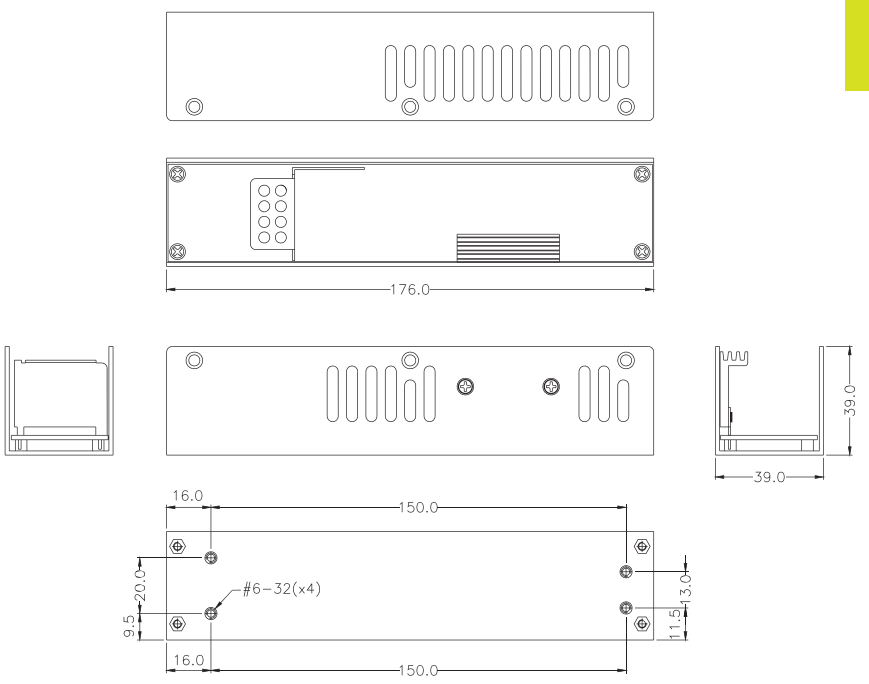
OUTPUT PROTECTION：OPP / OVP / SCP

LEAKAGE CURRENT：3.5mA MAX. AT NOMINAL VOLTAGE 264VAC

REMOTE ON/OFF CONTROL

DIMENSION：176(D) × 39(W) × 39(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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HIGH EFFICIENCY
AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT			
		+5V	+12V	+24V	+48V
Q1J-1050V-5	50W	10A	X	X	X
Q1J-1060V-12	60W	X	5A	X	X
Q1J-1060V-24	60W	X	X	2.5A	X
Q1J-1060V-48	60W	X	X	X	1.25A
REGULATION LOAD		±5%	±5%	±5%	±5%
RIPPLE AND NOISE		70mV	120mV	240mV	480mV

Open Frame

Q1J-1050V-5
Q1J-1060V-12
Q1J-1060V-24
Q1J-1060V-48

INPUT CHARACTERISTICS:

VOLTAGE：

90~264VAC FULL RANGE

FREQUENCY：

47~63HZ

INPUT CURRENT：

1.5/1A AT ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

35/70 AMPS @ 115/230V

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

MEET UL&CUL, TUV, CCC

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~70℃ , STORAGE –20℃ ~80℃

HOLD UP TIME：16mS MINIMUM AT 115V 80% OF FULL LOAD

EFFICIENCY：TYPICAL 85% for 48V, 83% for 24V , 82% for 12V , 80% for 5V AT 115VAC/230VAC

AND FULL LOAD CONDITION

OUTPUT PROTECTION：OPP / OVP / SCP

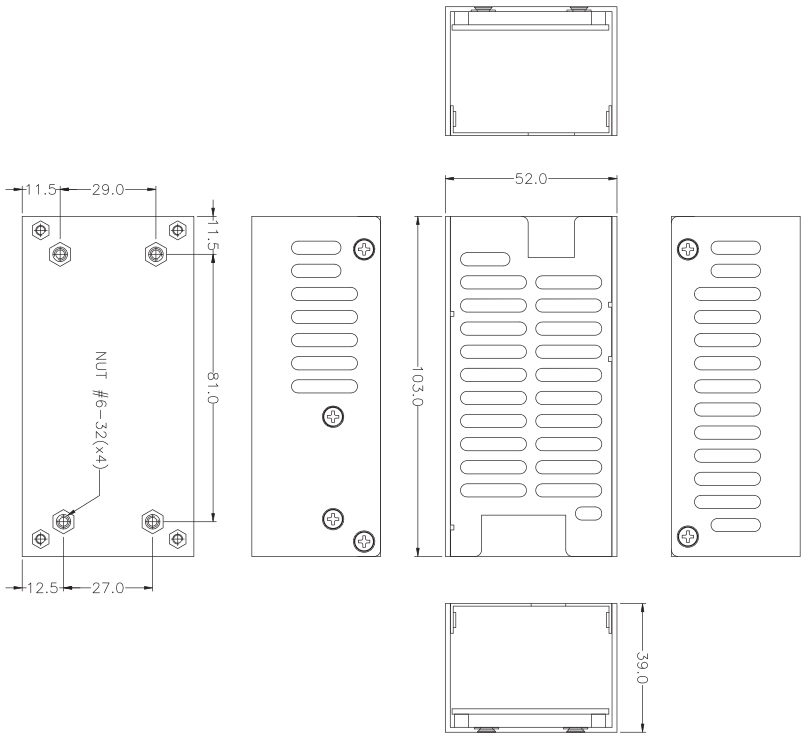
LEAKAGE CURRENT：3.5mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：103(D) × 52(W) × 39(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE

OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH

CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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1U

HIGH EFFICIENCY
AC INPUT TO DC OUTPUT



Q1I-1060V-12
Q1I-2050V-053
Q1I-2060V-123
Q1I-2060V-125

INPUT CHARACTERISTICS:

VOLTAGE :

90~264VAC FULL RANGE

FREQUENCY :

47~63HZ

INPUT CURRENT :

1.5/1A AT ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT :

35/70 AMPS @115/230 VAC

EMI :

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS :

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY :

UL, CUL, TUV, CCC

E143756

OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
Q1I-1060V-12	60W	X	5A	X	X	X	X
REGULATION LOAD		X	±5%	X	X	X	X
RIPPLE AND NOISE		X	120mV	X	X	X	X
Q1I-2050V-053	50W	10A	X	6A	X	X	X
REGULATION LOAD		±5%	X	±5%	X	X	X
RIPPLE AND NOISE		80mV	X	50mV	X	X	X
Q1I-2060V-123	60W	X	5A	6A	X	X	X
REGULATION LOAD		X	±5%	±5%	X	X	X
RIPPLE AND NOISE		X	120mV	50mV	X	X	X
Q1I-2060V-125	60W	6A	5A	X	X	X	X
REGULATION LOAD		±5%	±5%	X	X	X	X
RIPPLE AND NOISE		50mV	120mV	X	X	X	X

SPECIFICATION:

TEMPERATURE RANGE : OPERATING 0℃ ~ 70℃ , STORAGE–20℃ ~80℃

HOLD UP TIME : 16mS MINIMUM AT 115V 80% OF FULL LOAD

EFFICIENCY : 79% (+/-2%)-Q1I-2050V-053, 81% (+/-2%)-Q1I-2060V-123/Q1I-1060V-12/@

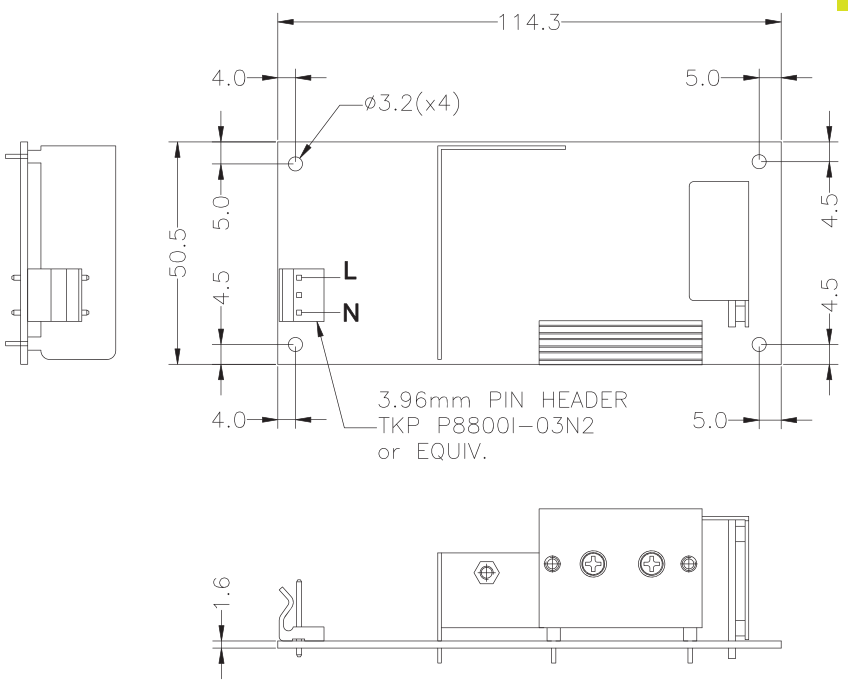
115/230VAC AND LOAD CONDITION : 5V/6.04A, 3.3V/6A- Q1I-2050V-053,12V/3.35A, 3.3V/6A-Q1I-2060V-123

OUTPUT PROTECTION : OPP / OVP / SCP

LEAKAGE CURRENT : 3.5mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION : 114.5(D) × 50.8(W) × 38(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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1U

HIGH EFFICIENCY
AC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
Q1H-5060V	60W	7A	5A	6A	X	0.3A	4A
REGULATION LOAD		±5%	±5%	±5%	X	±10%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS：+5V AND +3.3V TOTAL OUTPUT MAX：40W

Open Frame

Q1H-5060V

INPUT CHARACTERISTICS:

VOLTAGE：

90~264VAC FULL RANGE

FREQUENCY：

47~63HZ

INPUT CURRENT：

1.5/1A AT ANY LOW/HIGH RANGE INPUT VOLTAGE

INRUSH CURRENT：

35/70 AMPS @115/230 VAC

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY：

UL&CUL, TUV, CCC

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~70℃ , STORAGE –20℃ ~80℃

HOLD UP TIME：16mS MINIMUM AT 115V 80% OF FULL LOAD

EFFICIENCY：80%±2% TYPICAL · AT FULL LOAD 115VAC

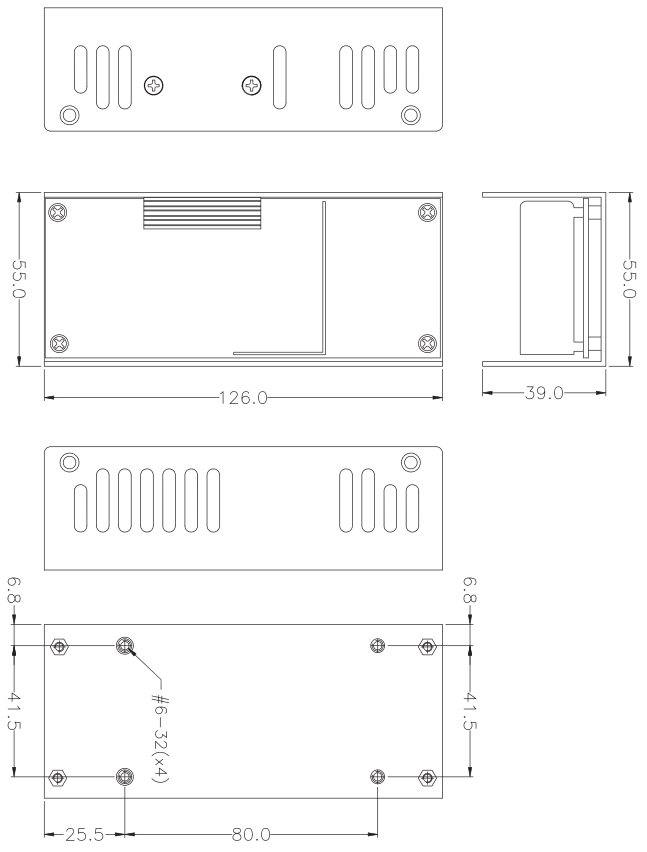
POWER GOOD SIGNAL：ON DELAY 100mS TO 550mS · OFF DELAY 1mS

OUTPUT PROTECTION：OPP / OVP / SCP

LEAKAGE CURRENT：3.5mA MAX. AT NOMINAL VOLTAGE 264VAC

DIMENSION：126(D)×55(W)×39(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.



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