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TECHNOLOGY GROUP

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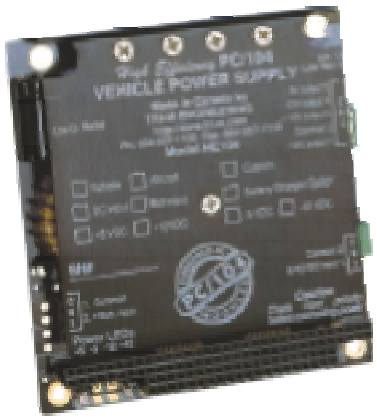
Expert team | Trust guarantee | 100% satisfaction

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PC/104 Power Supply

HE104: PC/104 High Efficiency Vehicle Power Supply



FEATURES

- 50W output
- 6 to 40 VDC input range
- Standard +5V & +12V, optional -5V & -12V
- Low quiescent current
- PC/104 compliant, highly compact
- Clean & filtered power for the PC/104 bus
- Temperature range: -40 to +85°C
- Optional AC bus Termination to reduce noise on the bus
- Optional reverse input protection (Part # RPD)

ELECTRICAL

1. Output Voltage

5V output *	10.0 A
12V output	2.0 A
-5V output	0.4 A
-12V output	0.5 A

2. Input Voltage 6 to 40 VDC

3. Performance Characteristics

Peak to Peak ripple *	<20 mV
Load Regulation **	<60 mV
Line Regulation **	40 mV
Output Temp. Drift **	<40 mV
Output Ripple **	20 mV
Quiescent Current ***	2 mA
Efficiency	up to 95%

ENVIRONMENTAL

Temperature Range	-40 to +85 C

MECHANICAL

Size (W x L x H) ****	3.55” x 3.75” x 0.60”
Weight	6.08 oz / 172.37 grams

* Current rating includes current supplied to 12V, -5V & -12V regulators
** Measured on the 5V output
*** LEDs disabled and power supply is in shutdown mode
**** Not including pass through pins

ORDERING INFORMATION

Part #	Description
HE104-512-16	+5V & +12V outputs
Options (factory configured)	
OPT-5H	-5V output
OPT-12H	-12V output
OPT-512H	-5V & -12V outputs
OPT-T	AC Bus Termination installed onto the power supply
RPD	Reverse Polarity Diode for reverse input protection

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