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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Inventus Power / ICCNexergy Elpac FW5024* at our website: *Click HERE*

ICCNEXERGY™
Intelligent Power Solutions



FW50 Series

50W Power Supply

FW50 Is Not Recommended For New Designs. Please Use FWC50 As A Replacement

Elpac Part Number	Output Voltage	Output Current	Peak Current[1]	Total Regulation[2]	Typical Efficiency[3]
FW5012-760F	12.0V	4.2A	5.0A	±5%	83%
FW5018-760F	18.0V	2.8A	3.3A	±5%	86%
FW5024-760F	24.0V	2.1A	2.5A	±5%	87%

Notes

1 Maximum peak load (60W) lasting 500ms with a maximum 10% duty cycle.
2 Includes initial setting, line regulation, load regulation, and thermal drift.
3 Typical at 115VAC (including output cable).

Input

Input Voltage	85 - 264VAC 100 - 240VAC Nominal
Input Frequency	47 - 63Hz
Input Current	<1.0A rms
Inrush Current	<37A at 230VAC cold start
Zero Load Power Consumption	<0.3W
Touch Leakage Current	<200µA @ 132VAC @ 60Hz
	<300µA @ 264VAC @ 60Hz

Output

Output Voltage	See Table
Total Regulation	+/-5%
Minimum Load	No minimum load required
Start-Up Delay	<250ms
Hold-Up Time	>14ms at any input voltage
Ripple & Noise	<1% pk-pk ** *
Over Voltage Protection	110-135%
Over Temperature Protection	Active - Recoverable; plus Passive - Non Recoverable
Over Current Protetion	120 - 180%
Short Circuit Protection	shutdown, auto-restart (hiccup mode)

* Ripple and noise measured with 20MHz bandwidth; 10µF tantalum capacitor in parallel with a 0.1µF ceramic capacitor.

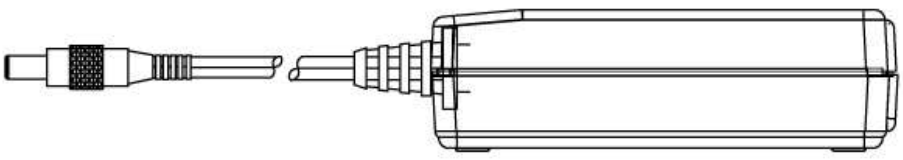
General	
Efficiency	Avg Efficiency 86.7% @ 115VAC; 86.9% @ 230VAC
MTBF	min. 100,000 hours demonstrated
Size	4.25" (108.0mm) x 2.50" (64.5mm) x 1.30" (33.0mm)
Weight	0.75 lbs (.34 kg)

Environmental	
Operating Temperature	0 – 60℃ (Full load to 40℃, d erate linearly to 50% load at 60℃)
Storage Temperature	-40℃ to +85℃
Relative Humidity	5-95%, non-condensing
Cooling	Natural Convection
Vibration	All units production tested to 19.6m/s2

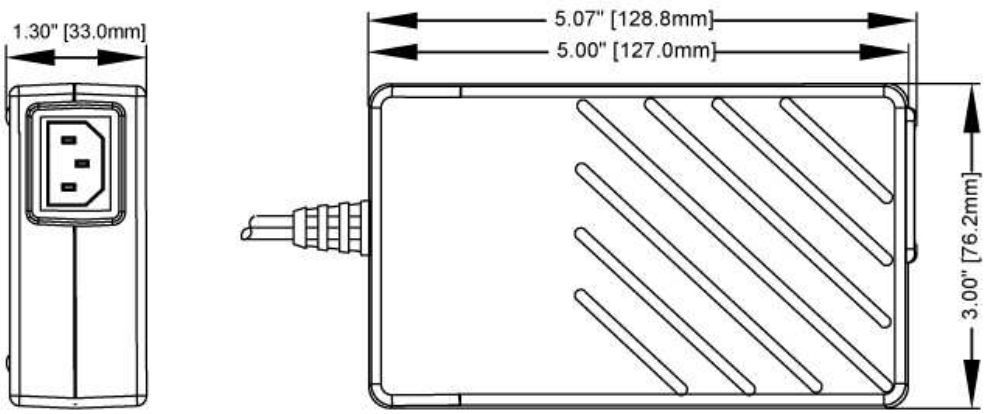
EMC & Safety	
Emissions	FCC class B, CISPR22 class B EN61000-3-2, -3
Immunity	EN61000-4-2, -3, -4, -5, -6, -8, -11
Certified by:	cTUVus
	UL 60950-1
	CAN/CSA-22.2 No.60950-1
	CB per IEC60950-1
	CE marked to LVD & EMC Directive

Warning: array_keys() [function.array-keys (function.array-keys)]: The first argument should be an array in **/home/iccnexergy.com/public_html/wp-content/themes/iccus/functions.php** on line **400**

Output Pin Assignments	
	
Center	+v1
Outside	Return



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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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