



FW30 Series

30 W Power Supply

FW30 Is Not Recommended For New Designs. Please Use FWC30 As A Replacement

Elpac Part Number	Output Voltage	Output Current	Peak Current	Total Regulation	Typical Efficiency
FW3009-760F	9.0V	3.3A	3.9A	±5%	81%
FW3012-760F	12.0V	2.5A	3.0A	±5%	83%
FW3015-760F	15.0V	2.0A	2.4A	±5%	84%
FW3018-760F	18.0V	1.7A	2.0A	±5%	85%
FW3024-760F	24.0V	1.3A	1.5A	±5%	86%

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	<250µA @ 132VAC @ 60Hz <400µA @ 264VAC @ 60Hz

Output

Output Voltage	See Table
Total Regulation	+/-5%
Minimum Load	No minimum load required
Start-Up Delay	<250ms
Hold-Up Time	>20ms 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 Protection	120 - 180%

Short Circuit Protection

shutdown, auto-restart (hiccup mode)

General

Efficiency	Avg Efficiency 84.5% @ 115VAC; 83.4% @ 230VAC
MTBF	min. 100,000 hours demonstrated
Size	4.25
Weight	0.70 lbs (.32 kg)

Environmental

Operating Temperature	0 – 60°C (Full load to 40°C, derate linearly to 50% load at 60°C)
Storage Temperature	-40°C to +85°C
Relative Humidity	5-95%, non-condensing
Cooling	Natural Convection
Vibration	All units production tested to 19.6m/s ²

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.950
	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

