

300 Watt with M DIN Connector



Model 2600-300
with drawer handle

Plug-In power supplies with M DIN connectors are available in AC and DC versions. Its 3U x 12HP size and rugged construction with a drawer handle make it a high power / small size attractive package. Front panel indicator LED's monitor Input power and Fault condition.

Common Features:

- Universal Input: 100-240 VAC
- 3U High, 3 slot wide (2.4")
- Redundant (N+1)
- Current Share
- Hot Swap
- Meets cPCI Specification
- >70% Efficiency
- M-Din Connector
- 2 Year Warranty

Power Supply Specifications

Input Voltage Range	100-240 VAC
Input Frequency	47 - 440 Hz
Input Surge Current	14A max @ 110 VAC 40A max @ 220 VAC cold start
Efficiency	75% typ. full power

OUTPUT

V1	+5V@30A
V2	+3.3V@40A
V3	+12V@7A
V4	-12V@1A
Minimum Load Requirement	V1 & V2: 2A
Total Output Power Limit	115% of max rated Power
Power Factor Correction	.99 at 110 VAC .98 at 220 VAC
Ripple Noise (all outputs)	1% P to P will full load or 50mV, whichever is greater 1 Sec.
Turn-on Time	8 ms at full load
Hold-up Time	Multiple power supplies can be operated in parallel & will share +5V current to within 10%
Current Sharing	V1 & V2 to a .25V drop in load

Remote Sense

ENVIRONMENTAL & PROTECTION

Operating Temperature Range	0°C to 70°C; Derate to 40°C
Cooling Requirements @ full power	200 lfm at 40°C, forced air thru P/S
Storage Temperature Range	-40°C +85°C
Relative Humidity	5% to 95%, non-condensing
Vibration	MIL 810E
Altitude	6,000 ft. est
Over Current Protection	115% of nominal. If condition occurs, current will foldback
Thermal Protection	Thermal shutdown, auto restart
Over Voltage Protection	125% of output. Output latches & reset required
Short Circuit Protection	All Voltages

PHYSICAL

Weight	2 lbs 14 oz
Dimensions	3U X 12HP (2.4")W X 160mm
Mating Connector	P47 Connector

RATINGS

Agency	AC: UL 1950, CUL22.2-950 VDE EN 60950, CB report
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