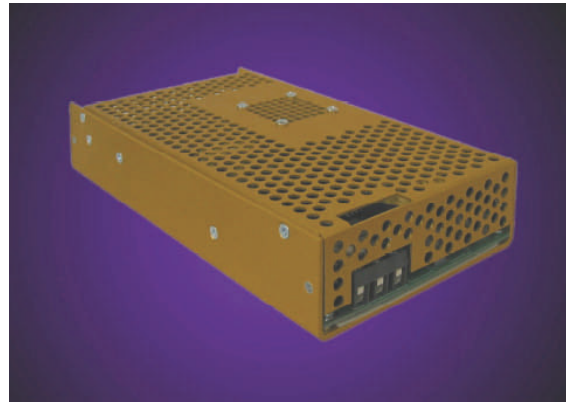


PFC-250 Series

250W U-Channel Power Supplies



FEATURES

- Universal AC input - Full range
- Power Factor corrected to EN61000
- High efficiency
- Cost effective
- Class B input EMI filter
- Over Voltage protection
- Short Circuit protection
- CE marked to EN60950
- Designed to meet UL60950
- 4kV input to output isolation
- Low profile 1U

ENVIRONMENTAL

Operating Temp: 0 to +70°C

Storage Temp: -20 to +85°C

SAFETY / EMC

EN60950

EN55022 curve B
EN61000-3-2-1

ELECTRICAL SPECIFICATIONS

INPUT

Input range 90-264VAC, single phase, 47-63Hz
EMI Filter EN55022 B for conducted noise

OUTPUT

Ripple & noise (p-p) Typically less than 1% (DC to 10MHz)
Line Regulation $\pm 0.25\%$
Load Regulation O/P1 $\pm 0.3\%$, O/P2-3 $\pm 3\%$, O/P4 $\pm 2\%$
Hold Up Time $> 20\text{ms @ } 160\text{W}$
Over Voltage Protection Typically 122% ($\pm 8\%$) on O/P's 1
Short Circuit Protection All outputs are protected against short circuit
Power Limit Typically set @ 120%
Power Fail Active low O/P with pull-up
Sense +/- on main O/P

Convection cooled PFC250					
MODEL	O/P 1	O/P 2	O/P 3	O/P 4	POWER
PFC 150-5V-V2	5V @ 30A				110W
PFC 150-12V-V2	12V @ 12A				150W
PFC 150-24V-V2	24V @ 6A				150W
PFC 150-48V-V2	48V @ 3A				150W
PFC 150-55V-V2	55V @ 2.3A		55V @ 2.3A		150W
PFC 150-110V-V2	110V @ 2.3A				150W
PFC 150-401-V2	5V @ 14A	12V @ 2.5A	12V @ 2.5A	2.5-5V @ 3A	140W
PFC 150-402-V2	5V @ 14A	24V @ 2A	12V @ 2A	2.5-5V @ 3A	140W

Forced air cooled PFC250 with Minimum 5CFM or lid fan					
MODEL	O/P 1	O/P 2	O/P 3	O/P 4	POWER
PFC 150-5V-V1	5V @ 30A				150W
PFC 150-12V-V1	12V @ 21A				250W
PFC 150-24V-V1	24V @ 10.5A				250W
PFC 150-48V-V1	48V @ 5A				250W
PFC 150-55V-V1	55V @ 2.3A		55V @ 2.3A		250W
PFC 150-110V-V1	110V @ 2.3A				250W
PFC 150-401-V1	5V @ 20A	12V @ 3.5A	12V @ 3.5A	2.5-5V @ 3A	200W
PFC 150-402-V1	5V @ 20A	24V @ 2A	12V @ 3A	2.5-5V @ 3A	200W

Specifications subject to change without notice

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