

# PS-200

200 Watt Universal Power Supply



MICROWAVE



## Features

- High MTBF
- 200 Watt
- Low Leakage Current
- Wide Temperature Range
- EMI/EMC and Safety Standards conform to CSA and CE Standards

The PS-100 is a 100 Watt universal power supply built to function within the Emcore OT-CC-16 or OT-CC-16B 19" 3RU rack-mountable chassis. Each chassis is designed to accommodate up to two redundant PS-200 units. Two models are available. PS-200-NA includes a North American power cord, PS-200-EU includes a European power cord.

All units are swappable and come in an Insert Card form factor. The PS-200 is cooled using an internal fan. The PS-200's rugged ergonomic design and wide temperature range are geared for industrial application. The PS-200 operates at an input operational voltage of 90-264 VAC.

## Input

Specifications	Value
Input Voltage	90-264 VAC (Operational)
Input Frequency	50/60 Hz
Input Current	1.6 A max @120 VAC
Input Current	0.8 A max @230 VAC
Input Surge Protection	EN61000-3-4

## Output

Specifications	Value
Output Voltage	12 VDC $\pm$ 10%
Max Load, A @ 25C	16.6 A
Max Load, A @ 70C	11.1 A
Load Regulation, %	$\pm$ 1%
Total DC Output	200 W

## Environmental

Specifications	Value
Operating Temperature	-10°C to +55° C
Storage Temperature	-40° C to +85° C
Cooling	Internal Fan
Humidity	95% RH non-condensing
Operating Altitude	3000 m
Shock & Vibration	Sinusoidal, 5 to 200 Hz at 1.5g peak
EMI & Safety	Applicable CSA and CE standards
MTBF	>400,000 hours @ 30° C, Ground Benign, per MIL-HDBK-217F

## Environmental

Specifications	Value
Dimensions & Weight	7.70" L x 2" W x 5.05" H 20 oz.
Efficiency	80-85%

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