



MCS-12V-100W

Description & Specifications



MCS-12V-100W

100W 12VDC Enclosed Switching Power Supply

Input Voltage: 88 VAC to 264 VAC

Output Voltage: 12VDC @ 8.5Amps

Input Current: 2.5A/115VAC 1.5A/230VAC

Output Current: 8.5A

Size: (L X W X H) (Inches): 6.3 x 3.8 x 1.5 inches



Description

MCS-12V-100W is used to power MCS 12V products including the MCS-MAGNUM-N-12, 12V Expansion boards and the MCS-TOUCHSCREENS.

Input to the MCS-12V-100W can be from 88 VAC to 264 VAC.

Mounts in enclosure using 3 predrilled holes (3.5M) located on base of power supply.

Features:

- Universal AC input/ Full range
- 12 volt Protections: Short circuit/ Overload/ Over voltage Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- All using 1 os•c long life electrolytic capacitors withstand 300VAC surge input for 5 seconds
- High operating temperature up to 70°C
- Withstand 5G vibration test
- No load power consumption<0.5W
- High efficiency, long life and high reliability

Specifications

Input Voltage.....	88-264VAC
Fuse internal.....	Non-Field Changeable
Input Frequency.....	47Hz to 63Hz
Output Voltage.....	12VDC
Agency Approvals.....	UL/CUL/TUV/CE/CB
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	70°C
Maximum Input Current.....	1.3A(Typ)
Efficiency	81%(Typ)
Output Connector Type	Screw Terminal Block
Minimum Isolation Voltage.....	3000V
Number of Outputs	1
Type.....	Auto Switching