200W Output Switching Power Supply

Model: CM12V200W

Features

200W Output Switching Power Supply

Output voltage & current: DC12V 16.7A

Input voltage range: 180~260VAC

Built in EMI filter with tiny ripple

100% full load burn-in test

Air Cooling

Protection: Short circuit/ Overload/ Over voltage/ Over temperature

Built-in constant current limiting circuit (C.C.+C.V.mode);

Specifications

Model		CM12V200W
Output	DC output Voltage	12V±1%
	Output Current Range	0-16.7A
	Wave and Noise	120mVp-p
	DC output Power	200W
	Efficiency	85%
	DC Voltage Adjustable Scope	（at full load）≦0.5%
Input	Voltage Range	180~260VAC 47-63Hz
	Input Current	0.9A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 36A/ 230VAC
Protection	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
Environment	Working temperature and humidity	-10°C~+50°C, 20~90%RH
	Store temperature and humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
Safety	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
Standard	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
Other	Dimension	215*115*30mm (L*W*H)
	Weight	0.6kg
Notes		1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure