



Description:

MPD-830C is an offline DC 24 V input switching power supply. It is ideal for use in ATX personal computers, workstations and equivalent systems. This power supply has been designed to meet UL, CSA and TÜV safety approvals.

Model available:

- MPD-830C for 5V/25A, 12V/10A, -12V/1A, -5V/1A, 3.3V/8A, 5Vsb/0.72A

General Specifications:

Input voltage.....	19 to 32 VDC	Cooling	force air convection
Input current.....	max. 20A at +24VDC input	Signals.....	Power good
Inrush current	less than 5A at +24VDC		Power Fail
	input cold start 25 °C		Power ON
Efficiency	> 65% at rated load	Operating temperature	0° C to 70 °C
Over voltage protection	auto		(-20 °C can start up)
	with build in crowbar circuit	Operating temperature	-40 °C to +75 °C
Short circuit protection.....	auto recovery	Humidity	up to 95% non condensing
Over load protection	auto recovery	EMI radiation.....	EN55022 "B", FCC "B"
Ripple & Noise (+5V, +3.3V outputs).....	<50mVp-p	EMS	IEC-801-2 8kV air discharge
	Other outputs<100mVp-p		IEC-801-3 3V/M
Line regulation.....	< +/- 1%		IEC 801-4 2kV
		Safety	Meet UL 1950
			CSA 22.2 No. 234
			EN60950

