



# MPD-810H

## 120W universal input open frame, DC to DC power supply



### SPECIFICATION

Input Voltage	10V ~ 30VDC
Input Frequency	47 ~ 63 Hz
Input Current	18A@10VDC
Efficiency	> 70%
Holdup Time	16 ms at full load
Over Voltage Protection	+5V: 5.6 ~ 6.6V; +3.3V: 3.6 ~ 4.2V; +12V: 13.2 ~ 14.6V
Over Power/Load Protection	Output power over 110% ~ 160%
MTBF	130,000 hrs
EMI & Safety Approval	UL
Temperature/Humidity	Operating: 0 ~ 50°C, 20 ~ 90%RH Storage: -20 ~ 70°C, 5 ~ 95%RH
Dimension (WxDxH)	83.8 x 152.4 x 38.1 mm; 3.3" x 6" x 1.5"

### FEATURES

- 3.3" x 6" open frame power supply suitable for node chassis
- Five rails outputs (+5V, +12V, -12V, +3.3V & +5Vsb)
- 10~30 VDC input
- Higher +5V output (10A)

### ORDERING GUIDE

- **MPD-810H**  
120W universal input open frame power supply

### DC OUTPUT

	+5V	+3.3	+12V	-12V	+5Vsb
<b>Max. Load</b>	10A	8A	4A	1A	
<b>Min. Load</b>	1A	0A	0A	0A	0A
<b>Load Reg.</b>	±2%	±5%	±5%	±5%	
<b>Line Reg.</b>	±2.5%	±2.5%	±2.2%	±2.5%	±2.5%
<b>Ripple</b>	100mv	100mv	120mv	200mv	