

UPF300-AB

- ✱ 300W 2U Size Single Power Supply
- ✱ Meet IEC1000-3-2 Harmonic Regulation
- ✱ Universal AC Input Voltage
- ✱ Remote sensing design
- ✱ UL, CUL, TUV, CE, FCC approved.
- ✱ Meet FCC Class B , CISPR22 Class B
- ✱ Protection on OVP,OPP
- ✱ Short Protection Latch OFF
- ✱ MTBF > 100,000 hours



APPLICATION:

- ATX Case
- 19 IPC 2U Case

SPECIFICATIONS

INPUT	Voltage	AC100V ~ 240V					
	Current	6A typ. (AC IN 110V) , 3A typ. (AC IN 220V)					
	Frequency	50/60 Hz (47 ~ 63Hz)					
	Efficiency (%)	65% Typical , at Full Load					
	Power Factor	0.99 typ. (AC 100V Full Load)/0.95 typ. (AC 230V Full Load)					
OUTPUT	Voltage (V)	+5V	+12V	+3.3V	-5V	-12V	5VSB
	Max. Load (A)	30A	15A	14A	0.5A	1A	1.5A
	Min. Load (A)	5A	1A	0.2A	0A	0A	0A
	Line Reg. (%)	±1 %	±1 %	±1 %	±1 %	±1 %	±1 %
	Load Reg.(%)	±5 %	±6 %	±5 %	±5 %	±5 %	±5 %
	Cross Reg.(%)	±5 %	±6 %	±5 %	±5 %	±5 %	±5 %
	Ripple & Noise (mV)	80mV	120mV	50mV	120mV	120mV	50mV
	Hold-Up Time (mS)	16mS MIN. at AC 115V Full Load					
	Rise Time (mS)	20mS MAX. at Full Load					
	Power Good (mS)	Power Good Delay Time 100mS to 500mS					
PROTECTION CIRCUIT	Over Power (%)	130% Typical					
	Over Voltage (V)	+5V(5.7V ~ 7.0V),+12V (13.4V ~ 15.6V),+3.3V (3.7V ~ 4.3V)					
ENVIRONMENT	Operating Temp.	0 Degree C ~50 Degree C					
	Storage Temp.	-20 Degree C ~ 80 Degree C					
	Humidity Range	20% ~ 90% RH					
SAFETY & NOISE REGULATIONS	Safety	UL ,CUL , TUV, CE, CB, approved					
	RFI/EMI	Meet FCC Class B , CISPR22 Class B					
	Harmonic Attenuator	Meet IEC1000-3-2					
OTHERS	Remote ON/OFF	Remote ON = L < 1V , Remote OFF = H >2.4V					
DIMENSION	Dimension	100mm (W) x 70mm(H) x 200mm (D)					

Remarks: +3.3V and +5V Combined Power 160W MAX

+3.3V ,+5V and +12V Combined Power 280W MAX.



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