

UPF300-TA

- N+1 (1+1) Hot Swap Redundant Power Supply
- 300W +300W Redundant Power Supply
- PSII Size Redundant Power Supply
- Meet IEC1000-3-2 Harmonic Regulation
- Universal AC Input Voltage
- Remote sensing design
- Rear DC Fan Failure detection ability
- Fault warning methods .LED , buzzer , TTL Signal
- UL, CUL, TUV, CE, CB approved.
- Meet FCC Class B , CISPR22 Class B
- Protection on OVP,OPP
- Short Protection Latch OFF
- MTBF > 100,000 hours



APPLICATION:

- Server for ATX Case
- 19 IPC 2U ,3U ,4U CASE
- Disk Array Case

SPECIFICATIONS

INPUT	Voltage	AC 90V ~ 264V					
	Current	7A typ. (AC IN 110V) , 3.5A typ. (AC IN 220V)					
	Frequency	50/60 Hz (47 ~ 63Hz)					
	Efficiency (%)	63% 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)	26A	16A	18A	0.3A	0.8A	2A
	Min. Load (A)	5A	2A	1A	0.05A	0.05A	0.1A
	Line Reg. (%)	±1 %	±1 %	±1 %	±1 %	±1 %	±1 %
	Load Reg.(%)	±5 %	±7 %	±5 %	±10 %	±10 %	±5 %
	Cross Reg.(%)	±5 %	±7 %	±5 %	±10 %	±10 %	±5 %
	Ripple & Noise (mV)	80mV	120mV	50mV	120mV	150mV	50mV
	Hold-Up Time (mS)	16mS MIN. at AC 100V 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 (13.2V ~ 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% RII					
SAFETY & NOISE REGULATIONS	Safety	UL ,CUL , TUV, CE, CB, approved					
	RFI/EMI	Meet FCC Class B , CISPR22 Class B					
	Harmonic ttenuator	Meet IEC1000-3-2					
OTHERS	Remote ON/OFF	Remote ON = L < 1V , Remote OFF = H >2.4V					
DIMENSION	Dimension	150mm (W) x 86mm(H) x 210mm (D)					

Remarks: +3.3V and +5V Combined Power 160W MAX
 +3.3V , +5V and +12V Combined Power 285W MAX



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