

# UPF400-AA

- 400W 1U 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 1U Case

## SPECIFICATIONS

INPUT	Voltage	AC90V ~ 264V					
	Current	8A typ. (AC IN 110V) , 4A 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	28A	20A	0.5A	1A	2A
	Min. Load (A)	4A	2A	0.5A	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 40.5mm(H) x 230mm (D)					

Remarks: +3.3V and +5V Combined Power 180W MAX

+3.3V ,+5V and +12V Combined Power 380W MAX.

