

4 x 6 x 1.5 inch Open Frame 200/300W Single/Multi-Outputs Power Supply

Output Power : 200W(Convection) / 300W(Force Air)

Open Frame : WP308F1X-AABBCC

1 U Case : WP308F2X-AABBCC



Standard Features:

- High Reliability, High Efficiency > 85% .
- Mini. Size, Low Profile 4" x 6" x 1.5"
- Built in EMI filter (VDE Level A).
- Low Leakage Current < 750uA.
- Convection Cooling Up To 200W.
- Short Circuit, Over Voltage and Over Current Protection on all outputs.

Application :

- POS System
- LCD TV
- IPC
- Gaming
- Industrial Equipment
- LED Display

Electrical Specification:

Input Specification:

- I/P Voltage Range: 90 – 264Vac
- I/P Frequency Range: 47~63Hz
- Leakage Current: < 750uA. At 230V / 50Hz
- Power Factor: 0.95 Typical , Complies with EN61000-3-2 Class D
- Efficiency: > 85%
- Hold Up Time: 18mS@160W , 12mS@200W

Output Specification:

- Output Voltage: Main O/P — 3.3V, 5V, 12V, 24V, 48V.
- Regulation: Main O/P --- ± 3%.
- Ripple & Noise: All O/P --- 1%
- Over Current Protection: 130 ~ 200% For Main O/P
- Over Voltage Protection: 110 ~ 130% For Main O/P
- No Load Operating: Can be power up, All O/P within regulation.

Safety compliant with:

- UL/CUL: UL 60950-1 2nd Edition
- CSA C22.2 NO. 60950-1-07, 2nd Edition
- CB: IEC 60950-1 2nd Edition
- TUV: EN60950-1

Safety Meet To:



ElectroMagnetic Compatibility

- Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024

EMI

- EN55022 Class A , Radio Interference(CISPR 22).
- FCC Part 15 , Subpart J Class A , 115VAc Operation.

Environmental:

- Operating Temperature: -20°C to 70°C
- Storage Temperature: -40°C to 85°C
- Relative Humidity: 5% to 95%

Reliability:

- MTBF > 50KHours

4 x 6 x 1.5 inch Open Frame 200/300W Single/Multi-Outputs Power Supply

【Single Output:】

WP308F11-AA Open Frame
WP308F21-AA 1U Case

Model No.	I/P Rating	Voltage	Regulation	Mini. Load	Max. Load (Convection)	Max. Load (Force Air)	O/P Power (Convection/Force Air)
WP308F11/21-12	100 ~ 240Vac	+12V	+/-3%	0A	16.7A	25A	200W / 300W
WP308F11/21-24		+24V	+/-3%	0A	8.4A	12.5A	200W / 300W
WP308F11/21-48		+48V	+/-3%	0A	4.17A	6.25A	200W / 300W

【Dual Output:】

WP308F12-AABB Open Frame
WP308F22-AABB 1U Case

Model No.	I/P Rating	Voltage	Regulation	Mini. Load	Max. Load (Convection)	Max. Load (Force Air)	O/P Power (Convection/Force Air)
WP308F12/22-1203	100 ~ 240Vac	+12V	+/-3%	0A	16.7A	25A	200W / 300W
		+3.3V	+/-3%	0A	8A	13.0A	
WP308F12/22-1205	100 ~ 240Vac	+12V	+/-3%	0A	16.7A	25A	200W / 300W
		+5.0V	+/-3%	0A	8A	13.0A	
WP308F12/22-2412	100 ~ 240Vac	+24V	+/-3%	0A	8.4A	12.5A	200W / 300W
		+12V	+/-3%	0A	4A	8A	

【3 Output:】

WP308F13-AABBCC Open Frame
WP308F23-AABBCC 1U Case

Model No.	I/P Rating	Voltage	Regulation	Mini. Load	Max. Load (Convection)	Max. Load (Force Air)	O/P Power (Convection/Force Air)
WP308F13-241205	100 ~ 240Vac	+24V	+/-3%	0A	8.4A	12.5A	200W / 300W
WP308F23-241205		+12V	+/-3%	0A	4A	8A	
		+5.0V	+/-3%	0A	5A	10A	