

PS2 Type Industrial Power Supply

EPAP-480 / 550

EPS12V

480/550 watts Output Power

Dual +12V Output Rails

EPS12V Application

Meet 4U Rack Mount System



Dimensions: 150(W) x 86(H) x 160(D) mm

Features:

- ⦿ EPS12V Form Factor
- ⦿ Dual +12V Output Rails
- ⦿ Universal Power Input
- ⦿ Over Power Protection
- ⦿ Short Circuit Protection
- ⦿ Over Current Protection
- ⦿ Over Voltage Protection
- ⦿ Dual Processors Application
- ⦿ Remote DC Sense on +5V and +3.3V
- ⦿ Active power Factor Correction
- ⦿ MTBF >100,000 Hours

General Specifications:

- ⦿ Input Range: 100 to 240 VAC, +/-10%
- ⦿ Power Factor: 0.95 minimum
- ⦿ Efficiency: 70% minimum, at full load
- ⦿ Hold up Time: 20mS minimum, at full load
- ⦿ PSON (Remote ON/OFF): TTL compatible signal
- ⦿ Power Good: 100 to 500 ms, TTL compatible signal
- ⦿ Cooling Fan: 80x80x25 mm (SANYO)
- ⦿ Operating Temperature: 0 to 50 degree
- ⦿ Operating Humidity: 20 to 90 %

Agency Requirements:

- ⦿ Harmonic: Meet EN61000-3-2 standards
- ⦿ EMI/RFI: CE, FCC class B and CISPR class B
- ⦿ Safety: UL, cUL, CB, TUV

Electrical Specifications:

Regulation, Ripple & Noise:

Output	+5V	+3.3V	+12V	-5V	-12V	5Vsb
Load Regulation	± 5%	± 5%	± 5%	± 5%	± 5%	± 5%
Cross Regulation	± 5%	± 5%	± 5%	± 5%	± 5%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	100mV	120mV	50mV

Input and Output Ratings:

Model No	Input			Watt	Output							
	Voltage	Frequency	Current		Load	+5V	+3.3V	+12V1	+12V2	-5V	-12V	5Vsb
EPAP-480	90 – 264 VAC	47-63 Hz	10A max	480W	Max Load	40A	30A	18A	18A	0.3A	0.8A	2A
					Min Load	0.5A	0A	1A	1A	0A	0A	0A
EPAP-550	90 – 264 VAC	47-63 Hz	10A max	550W	Max Load	40A	30A	18A	18A	0.3A	0.8A	2A
					Min Load	0.5A	0A	1A	1A	0A	0A	0A

Note: 1. The +12V1 & +12V2 combine output currents maximum are 32A for EFAP-480 and 32A for EFAP-550.

2. The +5 & +3.3 Volt combine total output shall not exceed 230W for EFAP-480 and 60A for EFAP-550.

3. The +5, +3.3 and +12 Volt combine total output shall not exceed 453W for EFRP-480 and 523W for EFRP-550.

4: Noise bandwidth is from DC to 20 MHz.

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Dimensions (Unit: mm):

