



Power Supplies & UPS

75-1500W Single Output With PFC Function

Detailed product specifications are available on: us.100y.com.tw



SP-75 Series



FEATURES:

- Low cost, high reliability.
- Compact size, light weight
- 105°C output capacitor.
- 100% full load burn-in test.
- International AC input range.
- Built in EMI filter, low ripple noise
- High efficiency, low working temperature.
- Built in PFC circuit
- Soft-start circuit, limiting AC surge current.
- Short circuit, overload, over voltage protected

AC CURRENT: 1.3A/115VAC 0.7A/230VAC
 INRUSH CURRENT (max.): Cold start 40A/230VAC
 LEAKAGE CURRENT: <2mA/240VAC
 WORKING TEMP.Humidity: -10 ~ +60°C(Refer to output load derating curve) 20%~90% RH
 SAFETY STANDARDS: UL1950, TUV EN60950 Approved
 WITHSTAND VOLTAGE: I/P-O/P:3KVAC I/P-FG:1.5KVAC
 O/P-FG:0.5KVAC

Part No.	Product No.	Manufacturer	Description	Output Volt.	Output Current	Tol.(±)
20995	SP-75-12	MEAN WELL	75W Single Output Switching Power Supply	12VDC	6.3A	+/-2%
20996	SP-75-13.5	MEAN WELL	75W Single Output Switching Power Supply	13VDC	5.6A	+/-2%
20997	SP-75-15	MEAN WELL	75W Single Output Switching Power Supply	15VDC	5A	+/-2%
20998	SP-75-24	MEAN WELL	75W Single Output Switching Power Supply	24VDC	3.2A	+/-1%
14798	SP-75-27	MEAN WELL	75W Single Output Switching Power Supply	27V	2.8A	+/-1%
14654	SP-75-3.3	MEAN WELL	75W Single Output Switching Power Supply	3.3V	15A	+/-2%
20999	SP-75-48	MEAN WELL	75W Single Output Switching Power Supply	48VDC	1.6A	+/-1%
20948	SP-75-5	MEAN WELL	75W Single Output Switching Power Supply	5VDC	15A	+/-2%
20946	SP-75-7.5	MEAN WELL	75W Single Output Switching Power Supply	7.5VDC	10A	+/-2%



SP-750 Series



FEATURES:

- Universal AC input/Full range
- Using ZVS technology to reduce power dissipation
- Protections: short circuit/Over load/Over voltage/Over temp.
- High power density 5.48W/in³
- PF>0.98@115VAC; >0.95@230VAC
- Built-in remote sense and ON/OFF control
- With PG/PF signal output
- Forced air cooling by built-in DC fan
- 3 years warranty

AC input voltage range: 90~264VAC; 127~370VDC
 DC adjustment range: ±10% rated output voltage
 Over load protection: 105%~125% constant current limiting, hiccup after 3 sec.
 Over voltage protection: 115%~140% rated output voltage
 Withstand voltage: I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1minute
 Working temperature: -20~45°C@100%, 60°C@60% load (5V)
 -20~50°C@100%, 60°C@60% load (others)
 Safety standards: UL60950-1, TUV EN60950-1 approved
 Connection: 5P/10mm pitch terminal block with cover for input, copper pillars for output

Part No.	Product No.	Manufacturer	Description	Output Volt.	Output Current	Tol.(±)
30415	SP-750-12	MEAN WELL	MEAN WELL_750W Single Output With PFC Function	12V	0~62.5A	±1%
30418	SP-750-15	MEAN WELL	MEAN WELL_750W Single Output With PFC Function	15V	0~50A	±1%
30419	SP-750-24	MEAN WELL	MEAN WELL_750W Single Output With PFC Function	24V	0~31.3A	±1%
30422	SP-750-27	MEAN WELL	MEAN WELL_750W Single Output With PFC Function	27V	0~27.8A	±1%
30423	SP-750-48	MEAN WELL	MEAN WELL_750W Single Output With PFC Function	48V	0~15.7A	±1%
24675	SP-750-5	MEAN WELL	750W SP Series Single Output Switching Power Supply	5V	120A	+/-2%



USP-225 Series

FEATURES:

- Universal AC input / Full range
- Built in active PFC circuit compliance to EN61000-3-2
- Protections: Short circuit/Over load/Over voltage/Over temperature
- Free air convection for 150W and forced air convection for 225W
- High power density 4.7W/in³
- Active AC surge current limiting
- U-bracket low profile:38mm
- 3 years warranty

INRUSH CURRENT (max.): 20A/115VAC 30A/230VAC
 LEAKAGE CURRENT: <3.5mA/240VAC
 WORKING TEMP: -20 ~ +65°C(Refer to output load derating curve)
 SAFETY STANDARDS: UL60950, TUV EN60950-1 Approved
 WITHSTAND VOLTAGE: I/P-O/P:3KVAC I/P-FG:1.5KVAC
 O/P-FG:0.5KVAC



Part No.	Product No.	Manufacturer	Description	Output Volt.	Output Current	Tol.(±)
30830	USP-225-12	MEAN WELL	MEAN WELL_225W U-Bracket Type with PFC Function	12V	0~18.7A	±2%
30831	USP-225-15	MEAN WELL	MEAN WELL_225W U-Bracket Type with PFC Function	15V	0~15.0A	±2%
30834	USP-225-24	MEAN WELL	MEAN WELL_225W U-Bracket Type with PFC Function	24V	0~9.40A	±2%
30823	USP-225-3.3	MEAN WELL	MEAN WELL_225W U-Bracket Type with PFC Function	3.3V	0~40.0A	±2%
30837	USP-225-48	MEAN WELL	MEAN WELL_225W U-Bracket Type with PFC Function	48V	0~4.70A	±2%
30828	USP-225-5	MEAN WELL	MEAN WELL_225W U-Bracket Type with PFC Function	5V	0~40.0A	±2%

