



### Features

- Universal AC input / Full range
- Built-in active PFC function, PF>0.93
- Protections: Short circuit / Overload / Over voltage / Over temp.(SP-150 / 200 / 240)
- Cooling by free air convection (SP-75 / 100 / 150)
- Forced air cooling by built-in DC fan (SP-200 / 240)
- Optional remote ON/OFF control (SP-75~200)
- Built-in fan speed control (SP-200)
- Built-in fan ON/OFF control (SP-240)
- 100% full load burn-in test
- 3 years warranty

### General Specification (Please refer to [www.meanwell.com](http://www.meanwell.com) for detail spec.)



Model No.	SP-75	SP-100	SP-150	SP-200	SP-240 <span style="background-color: #e91e63; color: white; padding: 2px;">Under Development</span>
AC input voltage range	85~264VAC				88~264VAC
AC inrush current (max.)	Cold start, 30A at 230VAC		Cold start, 40A at 230VAC		
DC adjustment range	-5~+10% rated output voltage				±10% rated output voltage
OLP	Range	105%~150%			105%~135%
	Type	Constant current, auto-recovery			
OVP	Range	115%~135%	110%~135%		115%~120%
	Type	Shut off, AC recycle to re-start			
Withstand voltage	I/P - O/P: 3kVAC, I/P - FG: 1.5kVAC, O/P - FG: 0.5kVAC, 1 minute				
Working temperature	-10 ~ +60°C		-10 ~ +50°C	-10 ~ +60°C	
Safety standards	UL60950-1, TUV EN60950-1 approved				
EMC standards	EN55022 class B, EN61000-4-2,3,4,5,6,8,11, EN61000-3-2,3, ENV50204				
Connection	5P / 9.5mm pitch		7P / 9.5mm pitch terminal block with cover		
Dimension (L*W*H)(mm)	179x99x33	179x99x45	199x99x50	199x99x50	190x93x50
Case No.	920A	915A	916A	916B	987A
Packing	20pcs/12.0kg	20pcs/14.3kg	20pcs/16.4kg	20pcs/17.9kg	-----

### 75W

### SP-75

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10371	SP-75-3.3	3.3V, 0~15A	±2%	80mV	68%
10372	SP-75-5	5V, 0~15A	±2%	80mV	72%
10373	SP-75-7.5	7.5V, 0~10A	±2%	80mV	74%
10374	SP-75-12	12V, 0~6.3A	±2%	80mV	77%
10375	SP-75-13.5	13.5V, 0~5.6A	±2%	80mV	78%
10376	SP-75-15	15V, 0~5.0A	±2%	80mV	79%
10377	SP-75-24	24V, 0~3.2A	±1%	100mV	80%
10378	SP-75-27	27V, 0~2.8A	±1%	100mV	80%
10379	SP-75-48	48V, 0~1.6A	±1%	100mV	80%

### 150W

### SP-150

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10391	SP-150-3.3	3.3V, 0~30.0A	±2%	100mV	67%
10392	SP-150-5	5V, 0~30.0A	±2%	100mV	75%
10393	SP-150-7.5	7.5V, 0~20.0A	±2%	100mV	79%
10394	SP-150-12	12V, 0~12.5A	±2%	100mV	80%
10395	SP-150-13.5	13.5V, 0~11.2A	±2%	100mV	80%
10396	SP-150-15	15V, 0~10.0A	±2%	100mV	81%
10397	SP-150-24	24V, 0~6.30A	±1%	150mV	83%
10398	SP-150-27	27V, 0~5.60A	±1%	150mV	84%
10399	SP-150-48	48V, 0~3.20A	±1%	250mV	84%

### 200W

### SP-200

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10401	SP-200-3.3	3.3V, 0~40.0A	±2%	100mV	65%
10402	SP-200-5	5V, 0~40.0A	±2%	100mV	71%
10403	SP-200-7.5	7.5V, 0~26.7A	±2%	100mV	76%
10404	SP-200-12	12V, 0~16.7A	±2%	100mV	79%
10405	SP-200-13.5	13.5V, 0~14.9A	±2%	100mV	80%
10406	SP-200-15	15V, 0~13.4A	±2%	100mV	81%
10407	SP-200-24	24V, 0~8.40A	±1%	150mV	83%
10408	SP-200-27	27V, 0~7.50A	±1%	150mV	83%
10409	SP-200-48	48V, 0~4.20A	±1%	250mV	84%

### 100W

### SP-100

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10381	SP-100-3.3	3.3V, 0~20.0A	±2%	100mV	70%
10382	SP-100-5	5V, 0~20.0A	±2%	100mV	76%
10383	SP-100-7.5	7.5V, 0~13.5A	±2%	100mV	78%
10384	SP-100-12	12V, 0~8.50A	±2%	100mV	80%
10385	SP-100-13.5	13.5V, 0~7.50A	±2%	100mV	80%
10386	SP-100-15	15V, 0~6.70A	±2%	100mV	82%
10387	SP-100-24	24V, 0~4.20A	±1%	150mV	84%
10388	SP-100-27	27V, 0~3.80A	±1%	150mV	83%
10389	SP-100-48	48V, 0~2.10A	±1%	250mV	82%

### 240W

### Under Development SP-240

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11071	SP-240-5	5V, 0~45A	±2%	150mV	79%
11072	SP-240-7.5	7.5V, 0~32A	±2%	150mV	83%
11073	SP-240-12	12V, 0~20A	±1%	150mV	86%
11074	SP-240-15	15V, 0~16A	±1%	150mV	86%
11075	SP-240-24	24V, 0~10A	±1%	150mV	87%
11076	SP-240-30	30V, 0~8.0A	±1%	180mV	87%
11077	SP-240-48	48V, 0~5.0A	±1%	240mV	89%



### Customer Satisfaction —

Today's effort, tomorrow's reward. Continuously improve QCTS to satisfy customer is our goal.