



### Features

- 1U low profile
- Universal AC input / Full range
- Built-in active PFC function
- Protections: Short circuit / Overload / Over voltage / Over temp. / Fan alarm (RSP-750)
- Forced air cooling by built-in DC fan
- Vo can be trimmed 40~110% by 2~5.5VDC external control signal (RSP-750)
- Io can be trimmed 40~110% by 2~5.5VDC external control signal (RSP-750)
- Built-in remote sense and ON/OFF control (RSP-500/750)
- Built-in auxiliary power (RSP-750)
- DC OK signal (RSP-750)
- LED indicator for power on
- 3 years warranty

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



Model No.	RSP-320	RSP-500	RSP-750
AC input voltage range	88~264VAC; 124~370VDC	85~264VAC; 120~370VDC	90~264VAC; 127~370VDC
AC inrush current(max.)	Cold start, 40A at 230VAC		
DC adjustment range	±10% rated output voltage		
Overload protection	Range	105%~135%	105%~130%
	Type	Hiccup mode, auto-recovery	Constant current limiting, auto-recovery
Over voltage protection	Range	115%~145%	
	Type	Shut down O/P voltage, re-power on to recover	
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC		
Working temperature	-30~+70°C (refer to output derating curve)		
Safety standards	UL60950-1, TUV EN60950-1 approved; CCC GB4943 approved for RSP-320 only		
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2(RSP-500/750), GB9254(RSP-320 only)		
Connection	Input	9P / 9.5mm pitch terminal block	3P / 9.5mm pitch terminal block
	Output		6P / 11mm pitch terminal block
			3P / 10mm pitch terminal block with cover
Dimension (LxWxH) (mm)	215x115x30	230x127x40.5	250x127x41
Case No.	207A	226A	212A

### 320W RSP-320

Model No.	Output	Tol.	R&N	Effi.
RSP-320-2.5	2.5V, 0~60A	±2%	100mV	75.5%
RSP-320-3.3	3.3V, 0~60A	±2%	100mV	79.5%
RSP-320-4	4V, 0~60A	±2%	100mV	81.0%
RSP-320-5	5V, 0~60A	±2%	150mV	83.0%
*RSP-320-5CC	5V, 0~60A	±2%	150mV	83.0%
RSP-320-7.5	7.5V, 0~40A	±2%	150mV	88.0%
RSP-320-12	12V, 0~26.7A	±1%	150mV	88.0%
RSP-320-13.5	13.5V, 0~23.8A	±1%	150mV	88.0%
RSP-320-15	15V, 0~21.4A	±1%	150mV	88.5%
RSP-320-24	24V, 0~13.4A	±1%	150mV	89.0%
RSP-320-27	27V, 0~11.9A	±1%	200mV	89.0%
RSP-320-36	36V, 0~8.9A	±1%	220mV	89.5%
RSP-320-48	48V, 0~6.7A	±1%	240mV	90.0%

\* RSP-320-5CC with conformal coating is suitable for LED moving sign applications, MOQ required.

### 500W RSP-500

Model No.	Output	Tol.	R&N	Effi.
RSP-500-3.3	3.3V, 0~90A	±2%	120mV	81.0%
RSP-500-4	4V, 0~90A	±2%	120mV	83.0%
RSP-500-5	5V, 0~90A	±2%	150mV	83.0%
RSP-500-12	12V, 0~41.7A	±1%	150mV	89.0%
RSP-500-15	15V, 0~33.4A	±1%	150mV	88.0%
RSP-500-24	24V, 0~21A	±1%	150mV	89.0%
RSP-500-27	27V, 0~18.6A	±1%	200mV	89.5%
RSP-500-48	48V, 0~10.5A	±1%	240mV	90.5%

### 750W RSP-750

Model No.	Output	Tol.	R&N	Effi.
RSP-750-5	5V, 0~100A	±2%	150mV	82.0%
RSP-750-12	12V, 0~62.5A	±1%	150mV	87.0%
RSP-750-15	15V, 0~50A	±1%	150mV	89.0%
RSP-750-24	24V, 0~31.3A	±1%	150mV	90.5%
RSP-750-27	27V, 0~27.8A	±1%	150mV	90.5%
RSP-750-48	48V, 0~15.7A	±1%	150mV	92.0%