



■ Features

- Universal AC input / Full range
- Built-in active PFC function, PF>0.94
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Output voltage programmable from 20~110% by 1~5.5VDC external control signal (SPV-150/300)
- Output voltage programmable from 20~120% by 1~6VDC external control signal (SPV-1500)
- Forced air cooling by built-in DC fan with fan speed control
- Cooling by free air convection (SPV-150)
- Built-in remote sense and ON/OFF control (SPV-1500)
- Built-in 12V/0.1A auxiliary output and current sharing up to 4500W (SPV-1500)
- 3 years warranty

■ General Specification (Please refer to www.meanwell.com for detail spec.)

Model No.	SPV-150	SPV-300	SPV-1500
AC input voltage range	88~264VAC, 124~370VDC		90~264VAC, 127~370VDC
AC inrush current (max.)	Cold start, 40A at 230VAC		Cold Start, 60A at 230VAC
DC adjustment range	-15%~+10% rated output voltage		±5% rated output voltage
Overload protection	Range	105~150%	105~135%
	Type	Constant current limiting, auto-recovery	
Over voltage protection	115~140%		120~140%
Withstand voltage	I/P - O/P: 3kVAC, I/P - FG: 1.5kVAC, O/P - FG: 0.5kVAC, 1 minute		
Working temperature	-20~+65°C (refer to output derating curve)		-20~+70°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, EN55024, light industry level, criteria A		
Connection	9P / 9.5mm pitch terminal block with cover		3P / 13mm pitch terminal block with cover for input; copper pillars for output
Dimension (LxWxH)(mm)	215x115x50		278x127x83.5
Case No.	912G		943A
Packing	12pcs / 14.0kg		6pcs / 16.6kg

■ SPV-150 Series



Model No.	Output	Tol.	R&N	Effi.
SPV-150-12	12V, 0~12.5A	±1%	150mV	82%
SPV-150-24	24V, 0~6.25A	±1%	150mV	83%
SPV-150-48	48V, 0~3.125A	±1%	240mV	83%

■ SPV-300 Series



Model No.	Output	Tol.	R&N	Effi.
SPV-300-12	12V, 0~25A	±1%	150mV	83.5%
SPV-300-24	24V, 0~12.5A	±1%	150mV	85.0%
SPV-300-48	48V, 0~6.25A	±1%	240mV	86.5%

■ SPV-1500 Series



Model No.	Output	Tol.	R&N	Effi.
SPV-1500-12	12V, 0~125A	±1%	150mV	86.5%
SPV-1500-24	24V, 0~63A	±1%	150mV	90.0%
SPV-1500-48	48V, 0~32A	±1%	200mV	90.0%



Best products also need best service.

We have authorized distributors all over the world. They have sufficient stock for your prompt delivery. Also they can offer you technical support & RMA services. Please contact your local distributors for more product information. You can also contact us at info@meanwell.com for information of your local distributors.

600W Single Output with PFC & Programmable Output Voltage Function

Available
by Request



- Output voltage programmable from 20~110% by 1~5.5VDC external control signal
- Universal AC input / full range
- Remote ON/OFF control, remote sense
- DC OK signal output
- Protection: Short circuit / Overload / Over voltage / Over temperature
- DC output models: 12V / 24V / 48V
- Cooling by built-in DC fan
- Parallel operation function
- Dimension (LxWxH): 170x 120x 93mm
- 3 years warranty