



Features

- Universal AC input / Full range (25~60W)
AC input selectable by switch (100~150W)
- AC input range auto-sensing (240W)
- Protections: Short circuit / Overload / Over voltage
- Over temperature protection (S-240 only)
- Cooling by free air convection (25~150W)
- Cooling by built-in DC fan (240W)
- 100% full load burn-in test
- 2 years warranty

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

Model No.	S-25	S-40	S-60	S-100F	S-150	S-240	
AC input voltage range	85~264 VAC			88~132/176~264 VAC selectable by switch		115 / 230 auto-sensing	
AC inrush current (max.)	Cold start, 25A at 230VAC	Cold start, 50A at 230VAC	Cold start, 40A at 230VAC	Cold start, 35A at 230VAC		Cold start, 30A at 230VAC	
DC adjustment range	±10% rated output voltage					105%~135%	
OLP	Range	105%~150% rated output power				105%~135%	
	Type	Hiccup mode, auto recovery				Shut off, AC recycle to re-start	Hiccup mode, auto recovery
OVP	Range	115%~135% rated output voltage				115%~145%	115%~150%
	Type	Hiccup mode, auto recovery				Shut off, AC recycle to re-start	Hiccup mode, auto recovery
Withstand voltage	I/P - O/P: 3KVAC, I/P - FG: 1.5KVAC, O/P - FG: 0.5KVAC, 1 minute						
Working temperature	-10 ~ +60°C (refer to output derating curve)						
Safety standards	UL1012, TUV EN60950-1 approved	UL1012, UL60950-1 TUV EN60950-1 approved		UL1012, UL60950-1 TUV EN60950-1 approved, CSA60950-1(24V only)	UL1012, UL60950-1, TUV EN60950-1 approved	UL60950-1, TUV EN60950-1 approved (7.5V design refer to EN60950-1)	
EMC standards	EN55022 class B, EN61000-3-2,3, ENV50204, EN61000-4-2,3,4,5,6,8,11 (S-25/40: EN61000-4-2,3,4,5 only)						
Connection	5P / 9.5mm pitch terminal block			7P / 9.5mm pitch terminal block			
Dimension (L*W*H)(mm)	99x 97x 36	129x 98x 38	159x 97x 38	199x 98x 38	199x 110x 50	190x 93x 65	
Case No.	905	903	901	902	906	911	
Packing	45pcs/18kg	30pcs/13.9kg	24pcs/13.1kg	20pcs/14.2kg	16pcs/13.8kg	12pcs/15.3kg	

S-25 Series

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10011	S-25-5	5V, 0~5A	±2%	50mV	72%
10012	S-25-12	12V, 0~2.1A	±1%	100mV	76%
10013	S-25-15	15V, 0~1.7A	±1%	100mV	77%
10014	S-25-24	24V, 0~1.1A	±1%	100mV	80%

S-40 Series

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10031	S-40-5	5V, 0~8A	±2%	75mV	72%
10032	S-40-12	12V, 0~3.5A	±1%	100mV	76%
10033	S-40-15	15V, 0~2.8A	±1%	100mV	76%
10034	S-40-24	24V, 0~1.8A	±1%	100mV	78%

S-60 Series

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10051	S-60-5	5V, 0~12A	±2%	120mV	73%
10052	S-60-12	12V, 0~5.0A	±1%	120mV	76%
10053	S-60-15	15V, 0~4.0A	±1%	150mV	77%
10054	S-60-24	24V, 0~2.5A	±1%	150mV	79%

S-100 Series

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10071	S-100F-5	5V, 0~20A	±2%	100mV	76%
10072	S-100F-7.5	7.5V, 0~13.5A	±1%	125mV	78%

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10073	S-100F-12	12V, 0~8.5A	±1%	125mV	80%
10074	S-100F-15	15V, 0~6.7A	±1%	125mV	81%
10075	S-100F-24	24V, 0~4.5A	±1%	150mV	83%
10076	S-100F-48	48V, 0~2.2A	±1%	150mV	84%

S-150 Series

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10081	S-150-5	5V, 0~30A	±2%	150mV	78%
10082	S-150-7.5	7.5V, 0~20A	±1%	150mV	80%
10083	S-150-9	9V, 0~16.7A	±1%	180mV	80%
10084	S-150-12	12V, 0~12.5A	±1%	180mV	82%
10088	S-150-13.5	13.5V, 0~11.2A	±1%	180mV	83%
10085	S-150-15	15V, 0~10A	±1%	180mV	84%
10086	S-150-24	24V, 0~6.5A	±1%	240mV	85%
10089	S-150-27	27V, 0~5.6A	±1%	240mV	86%
10087	S-150-48	48V, 0~3.2A	±1%	240mV	87%

* Another SC model with constant current limiting & temperature compensation circuit.

S-240 Series

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10101	S-240-5	5V, 0~40A	±2%	150mV	78%
10102	S-240-7.5	7.5V, 0~30A	±2%	200mV	80%
10103	S-240-12	12V, 0~18A	±1%	150mV	82%
10104	S-240-15	15V, 0~15A	±1%	150mV	83%
10105	S-240-24	24V, 0~10A	±1%	180mV	84%
10106	S-240-30	30V, 0~8.0A	±1%	180mV	85%
10107	S-240-48	48V, 0~5.0A	±1%	240mV	87%