



Features

- AC input range selectable by switch
- Protections: Short circuit / OLP (all models)
- Over voltage protection (S-145 / 201 / 350)
- Over temperature protection (S-201/350)
- Cooling by free air convection (15~200W)
- Cooling by built-in DC fan with fan ON/OFF auto control (350W)
- 100% full load burn-in test
- LED indicator for power on
- Low cost
- 1 year warranty

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

Model No.	S-15	S-35	S-50	S-100	S-145	S-201	S-350
AC input voltage range	85~132VAC / 170~264VAC selectable by switch			90~132VAC / 180~264VAC selectable by switch			
AC inrush current (230VAC)	30A	36A	36A	60A	35A	50A	50A
DC adjustment range	±10% rated output voltage						
OLP	Range	105~150% (S-100-7.5: 150~200%, S-100-36: 130~180%)			105~165%	105~135%	
	Type	Fold back current limiting, auto-recovery		Shut off, AC recycle to re-start		Hiccup mode	Constant current
Over voltage protection	S-145 / 201: 115%~145%, shut off, re-power on to recover, S-350: 115%~135% hiccup mode, auto-recovery						
Withstand voltage	I/P - O/P: 1.5kVAC, I/P - FG: 1.5kVAC, 1 minute						
Working temperature	-10~+60°C (refer to output derating curve)					-10~+50°C	-10~+60°C
Safety standards	Design refer to UL1012					Design refer to UL1950	
EMC standards	Design refer to FCC part 15 J						
Connection	Terminal block for input and output						
Dimension (L*W*H)(mm)	99x 97x 36	129x 98x 38	159x 97x 38	199x 98x 38	199x 98x 38	215x 115x 50	215x 115x 50
Case No.	905	903	901	902	902	912E	912A
Packing	45pcs/15.0kg	30pcs/13.4kg	24pcs/13.1kg	20pcs/13.6kg	30pcs/22.5kg	12pcs/12.0kg	12pcs/13.5kg

15W		S-15			
Stock No.	Model No.	Output	Tol.	R&N	Effi.
10001	S-15-5	5V, 0~3.0A	±2%	50mV	65%
10002	S-15-12	12V, 0~1.3A	±1%	50mV	68%
10003	S-15-24	24V, 0~0.7A	±1%	100mV	72%

35W		S-35			
Stock No.	Model No.	Output	Tol.	R&N	Effi.
10021	S-35-5	5V, 0~7.0A	±2%	75mV	70%
10022	S-35-12	12V, 0~3.0A	±1%	100mV	76%
10023	S-35-15	15V, 0~2.4A	±1%	100mV	78%
10024	S-35-24	24V, 0~1.5A	±1%	100mV	78%

50W		S-50			
Stock No.	Model No.	Output	Tol.	R&N	Effi.
10041	S-50-5	5V, 0~10A	±2%	75mV	71%
10042	S-50-12	12V, 0~4.2A	±1%	100mV	78%
10043	S-50-15	15V, 0~3.4A	±1%	100mV	78%
10044	S-50-24	24V, 0~2.1A	±1%	100mV	82%

100W		S-100			
Stock No.	Model No.	Output	Tol.	R&N	Effi.
10061	S-100-3	3V, 0~20A	±2%	100mV	70%
10062	S-100-5	5V, 0~20A	±2%	100mV	78%
10063	S-100-7.5	7.5V, 0~13.6A	±1%	100mV	80%
10064	S-100-10	10V, 0~10A	±1%	100mV	80%
10065	S-100-12	12V, 0~8.5A	±1%	100mV	81%
10066	S-100-15	15V, 0~6.7A	±1%	100mV	81%
10070	S-100-18	18V, 0~5.6A	±1%	100mV	82%
10067	S-100-24	24V, 0~4.5A	±1%	100mV	84%
10068	S-100-27	27V, 0~3.7A	±1%	100mV	84%
10077	S-100-36	36V, 0~2.7A	±1%	100mV	84%
10069	S-100-48	48V, 0~2.0A	±1%	100mV	84%

145W		S-145			
Stock No.	Model No.	Output	Tol.	R&N	Effi.
10711	S-145-5	5V, 0~25A	±2%	100mV	78.0%
10712	S-145-7.5	7.5V, 0~18A	±1%	120mV	80.5%
10713	S-145-12	12V, 0~12A	±1%	120mV	80.5%
10714	S-145-15	15V, 0~9.6A	±1%	120mV	81.0%
10715	S-145-24	24V, 0~6.0A	±1%	150mV	83.5%
10716	S-145-27	27V, 0~5.3A	±1%	200mV	85.0%
10717	S-145-48	48V, 0~3.0A	±1%	240mV	83.5%

200W		S-201			
Stock No.	Model No.	Output	Tol.	R&N	Effi.
10411	S-201-5	5V, 0~40.0A	±2%	150mV	74%
10412	S-201-7.5	7.5V, 0~26.5A	±2%	150mV	79%
10413	S-201-12	12V, 0~16.5A	±1%	150mV	80%
10414	S-201-13.5	13.5V, 0~14.7A	±1%	150mV	80%
10415	S-201-15	15V, 0~13.0A	±1%	150mV	81%
10416	S-201-24	24V, 0~8.30A	±1%	150mV	83%
10417	S-201-27	27V, 0~7.40A	±1%	200mV	83%
10418	S-201-48	48V, 0~4.20A	±1%	240mV	84%

350W		S-350			
Stock No.	Model No.	Output	Tol.	R&N	Effi.
10421	S-350-5	5V, 0~50.0A	±2%	150mV	73%
10422	S-350-7.5	7.5V, 0~40.0A	±2%	150mV	76%
10423	S-350-12	12V, 0~29.0A	±1%	150mV	74%
10424	S-350-13.5	13.5V, 0~25.8A	±1%	150mV	79%
10425	S-350-15	15V, 0~23.2A	±1%	150mV	78%
10426	S-350-24	24V, 0~14.6A	±1%	150mV	81%
10427	S-350-27	27V, 0~13.0A	±1%	200mV	82%
10429	S-350-36	36V, 0~9.70A	±1%	240mV	83%
10428	S-350-48	48V, 0~7.30A	±1%	240mV	83%