

Enclosed-SE Series 100~450W Single Output



■ Features

- AC input selectable by switch
- Withstand 300VAC surge input for 5 seconds (SE-200/350)
- Protections: Short circuit / Overload / Over voltage / Over temperature (except for SE-100)
- Forced air cooling by built-in DC fan (SE-350/450)
- Built-in fan ON/OFF control (SE-350)
- Built-in constant current limiting circuit (SE-200/350)
- Withstand 5G vibration test (SE-200/350)
- Built-in remote sense function (SE-450)
- 100% full load burn-in test
- LED indicator for power on
- 2 years warranty

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

Model No.	SE-100	SE-200	SE-350	SE-450
AC input voltage range	115/230VAC by switch			
AC inrush current (max.)	Cold start, 36A at 230VAC	Cold start, 55A at 230VAC	Cold start, 60A at 230VAC	Cold start, 55A at 230VAC
DC adjustment range	-5%~+10% rated output voltage			
Overload protection	Range	110%~150%	105%~150%	105%~135%
	Type	Hiccup mode, auto-recovery	Constant current limiting, auto-recovery	Shut down o/p voltage, re-power on to recover
Over voltage protection	115%~135%	115%~145%		
Withstand voltage	I/P - O/P: 3kVAC, I/P - FG: 1.5kVAC, O/P-FG: 0.5kVAC			
Working temperature	-20~+60°C	-20~+50°C	-20~+60°C	-10~+60°C (refer to output derating curve)
Safety standards	UL60950-1, GB4943(SE-100 only) approved			
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, GB9254 for SE-100 only			
Connection	7P/9.5mm pitch terminal block	9P/9.5mm pitch terminal block with cover	9P/11mm pitch terminal block with cover	
Dimension (LxWxH)(mm)	159x 97x 38	215x 115x 50	225x 124x 50	
Case No.	901	912E	912C	986A
Packing	30pcs / 17.5kg	12pcs / 12kg	12pcs / 13.5kg	12pcs / 16kg

■ SE-100 Series



Model No.	Output	Tol.	R&N	Effi.
SE-100-5	5V, 0~20A	±2%	80mV	80%
SE-100-7.5	7.5V, 0~13.6A	±1%	120mV	81%
SE-100-9	9V, 0~11.2A	±1%	120mV	81%
SE-100-12	12V, 0~8.5A	±1%	120mV	83%
SE-100-15	15V, 0~7.0A	±1%	120mV	84%
SE-100-24	24V, 0~4.5A	±1%	120mV	86%
SE-100-48	48V, 0~2.3A	±1%	150mV	86%

■ SE-350 Series



Model No.	Output	Tol.	R&N	Effi.
SE-350-3.3	3.3V, 0~60A	+3%, -4.5%	150mV	74.0%
SE-350-5	5V, 0~60A	±3.0%	150mV	78.0%
SE-350-7.5	7.5V, 0~46A	+2.0%	150mV	80.0%
SE-350-12	12V, 0~29A	±1.5%	150mV	83.0%
SE-350-15	15V, 0~23A	+1.0%	150mV	84.0%
SE-350-24	24V, 0~14.6A	±1.0%	150mV	87.0%
SE-350-27	27V, 0~13A	±1.0%	200mV	88.0%
SE-350-36	36V, 0~9.7A	±1.0%	240mV	87.5%
SE-350-48	48V, 0~7.3A	±1.0%	240mV	87.5%

■ SE-200 Series



Model No.	Output	Tol.	R&N	Effi.
SE-200-3.3	3.3V, 0~40A	±2%	150mV	75%
SE-200-5	5V, 0~40A	±2%	150mV	79%
SE-200-7.5	7.5V, 0~27A	±2%	150mV	82%
SE-200-12	12V, 0~17A	±1%	150mV	85%
SE-200-15	15V, 0~14A	±1%	150mV	85%
SE-200-24	24V, 0~8.8A	±1%	150mV	87%
SE-200-27	27V, 0~7.8A	±1%	200mV	88%
SE-200-36	36V, 0~5.9A	±1%	240mV	89%
SE-200-48	48V, 0~4.4A	±1%	240mV	89%

■ SE-450 Series



Model No.	Output	Tol.	R&N	Effi.
SE-450-3.3	3.3V, 0~75A	±3%	200mV	74%
SE-450-5	5V, 0~75A	±3%	200mV	78%
SE-450-12	12V, 0~37.5A	±1%	200mV	83%
SE-450-15	15V, 0~30A	±1%	200mV	84%
SE-450-24	24V, 0~18.8A	±1.5%	200mV	86%
SE-450-36	36V, 0~12.5A	±1%	200mV	86%
SE-450-48	48V, 0~9.4A	±1%	200mV	88%



Features

- AC input selectable by switch (SE-600/1000)
AC input 180~264VAC only (SE-1500)
- Protections:
Short circuit / Overload / Over voltage /
Over temperature
- Forced air cooling by built-in DC fan
- Built-in remote sense function
- DC OK, remote ON/OFF control (SE-1000/1500)
- 100% full load burn-in test
- LED indicator for power on
- 2 years warranty

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



Model No.	SE-600	SE-1000	SE-1500
AC input voltage range	115/230VAC by switch		180~264VAC
AC inrush current (max.)	Cold start, 60A at 230VAC	Cold start, 55A at 230VAC	Cold start, 60A at 230VAC
DC adjustment range	±10% rated output voltage		
Overload protection	Range	105%~125%	
	Type	Shut down o/p voltage, re-power on to recover	
Over voltage protection	115%~140% Shut down o/p voltage, re-power on to recover		
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, O/P-FG: 0.5kVAC	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC	I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, O/P-FG: 0.5kVAC
Working temperature	-20~+60°C (refer to output derating curve)		-20~+70°C (refer to output derating curve)
Safety standards	UL60950-1 approved		
EMC standards	Design refer to EN55022 class B		
Connection	Terminal block with cover for input and output (SE-1000/1500: bus bars for output)		
Dimension (LxWxH)(mm)	247x 127x 63.5	278x 127x 63.5	278x 177.8x 63.5
Case No.	926A	935B	982A
Packing	6pcs / 13.4kg	6pcs / 16kg	4pcs / 14.2kg

600W SE-600

Model No.	Output	Tol.	R&N	Effi.
SE-600-5	5V, 0~100A	±2%	150mV	78%
SE-600-12	12V, 0~50A	±1%	150mV	83%
SE-600-15	15V, 0~40A	±1%	150mV	84%
SE-600-24	24V, 0~25A	±1%	150mV	87%
SE-600-27	27V, 0~22.2A	±1%	150mV	87%
SE-600-36	36V, 0~16.6A	±1%	200mV	87%
SE-600-48	48V, 0~12.5A	±1%	200mV	88%

1500W SE-1500

Model No.	Output	Tol.	R&N	Effi.
SE-1500-5	5V, 0~300A	±2%	150mV	81%
SE-1500-12	12V, 0~125A	±1%	150mV	85%
SE-1500-15	15V, 0~100A	±1%	150mV	85%
SE-1500-24	24V, 0~62.5A	±1%	150mV	87%
SE-1500-27	27V, 0~55.6A	±1%	150mV	88%
SE-1500-48	48V, 0~31.3A	±1%	150mV	89%

1000W SE-1000

Model No.	Output	Tol.	R&N	Effi.
SE-1000-5	5V, 0~150A	±1%	150mV	81%
SE-1000-9	9V, 0~100A	±1%	150mV	84%
SE-1000-12	12V, 0~83.3A	±1%	150mV	85%
SE-1000-15	15V, 0~66.7A	±1%	150mV	86%
SE-1000-24	24V, 0~41.7A	±1%	200mV	88%
SE-1000-48	48V, 0~20.8A	±1%	200mV	89%



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