

105°C Output Capacitor

Soft-start, reduce in-rush impact

Short-circuit / over load protection

**Meet EN60950, EN55015, EN61547
EN61000-3-2, EN6100-3-3, RoHS 5/6
EN61347-1 EN61347-2-13**



Input Characteristic

Input Voltage Range

- DC12V±15%
- DC15V±15%
- DC18V±15%
- DC24V±15%
- DC36V±15%
- DC48V±15%
- DC64V±15%
- DC100V±15%
- DC150V±15%
- DC310V±15%
- AC110V±15%
- AC220V±15%

Input Reverse Protection: No

Input Under Voltage Protection: Yes

Soft Start: Yes

Output Characteristic

Rated	Trim	Eff. %	Max Pow.
24V	22-25V	92±2%	100W
36V	34-37V	92±2%	100W
48V	46-49V	92±2%	100W
64V	62-65V	92±2%	100W
100V	96-103V	92±2%	100W
300V	280-319V	92±2%	100W

Cutstomize input/output pairs are available

Other info

Typical Efficiency:	92±2%
Ripple p-p:	200-300mV
Load Regulation:	±1%~±1.5%
Line Regulation :	±1%~±1.5%
Dynamic response:	±5.0/501us%
SC Protection:	105-130% of Max Pow.
Start Time Delay:	1-2S
Temperature co-efficiency	±0.03%°C(0~50°C)
Non-load consumption:	<2W
Operating temperature:	-30°C ~ +65°C
Operating Humidity:	20%~90%RH
Storage Temperature:	-40°C ~ +85°C
Operating Humidity:	20%~95%RH

Insulation:

Input-Output Input-Case Output-Case:

500VDC/100M Ohms

Isolation:

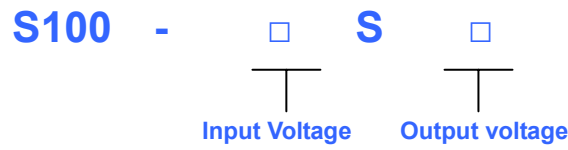
Input – Output	1.5KVAC
Input – Case	1.5KVAC
Output – Case	0.5KVAC

MTBF:	100000Hrs
Case Material:	aluminium alloy

Built-in Fan:	No
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Size:	159x99x38mm
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Ordering Information:



Example:

Input (DC)	Output (DC)	Model
12V	48V	S100-12S48

