

Features

- Compliance to Lighting and LED Equipment Regulations
- High Power Factor, Low THD
- Low Standby Power Consumption
- IP20 for Indoor Installation
- MM Marking for Furniture Installation
- Suitable for LED Lighting Applications

Marks / Approvals



Specifications

Image similar, variations possible

MODEL No.	Voltage	Min. Load	Max. Load	Max. Power
SS100-12VL	12 V	0.00 A	8.30 A	100 W
SS100-24VL	24 V	0.00 A	4.17 A	100 W
INPUT	Voltage	AC 180 V – 264 V		
	Frequency	47 Hz - 63 Hz		
	Current (rms max)	0.6 A		
	Power Factor	0.98		
PROTECTION	Overload	Auto Recovery		
	Overvoltage	Auto Recovery		
	Short Circuit	Short Circuit Power ≤ 0.5 W, Hiccup Mode, Auto Recovery		
	Input Surge Current	< 60 A		
OTHERS	Cooling	Convection Cooling		
	Efficiency	90 % typical		
	Startup Time	< 300 ms		
	Protection Marking	IP20 (IEC 60529)		
	Working Noise	< 35 dB, pickup at 10 cm		
	Protection Class	Class II		
	Case Material	Plastic cover with terminal block Input: H03VVH2-F 2x0.75mm²; Output: H03VVH2-F 2x1.00mm²		
Environment	Temperature	Operating: -20 °C to 45 °C / Max. Case Temperature: 90 °C Storage: -40 °C to 85 °C		
	Humidity	Operating: 10 % RH to 90 % RH Storage : 5 % RH to 95 % RH		
Lifetime	30 000 hrs at max. Ta, rated input voltage, output max. rated power			
SAFETY	IEC / EN 61347-1, IEC / EN 61347-2-13, EN 62493			
EMI	EN 55015			
EMS	EN 61547			
Harmonic	EN 61000-3-2 Class C			
Case Dimensions	170 mm x 44.5 mm x 28.2 mm			

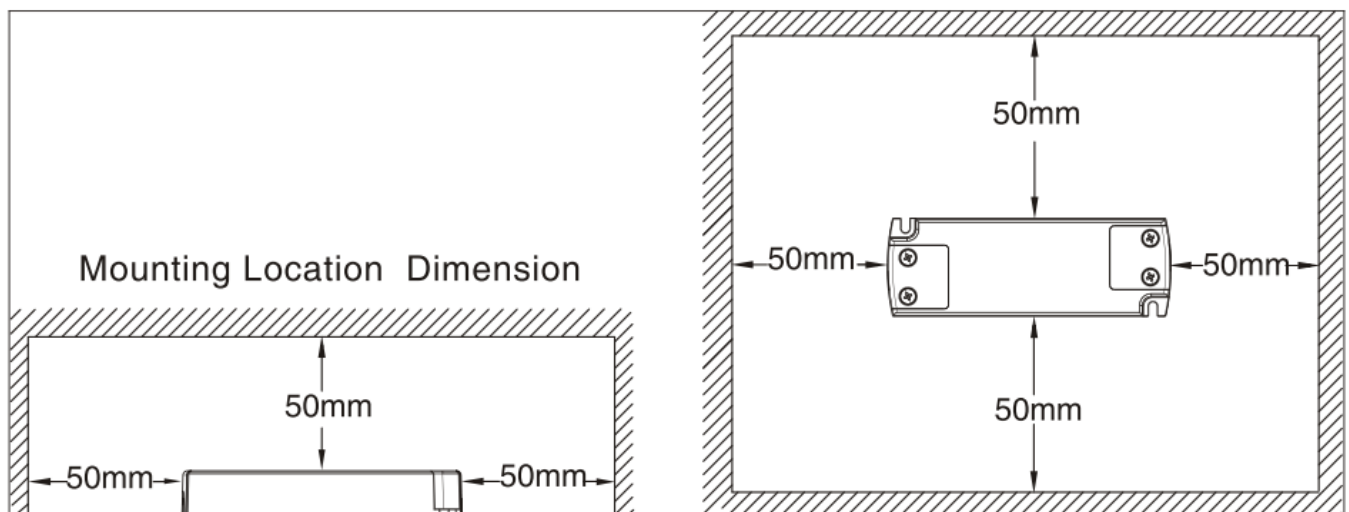
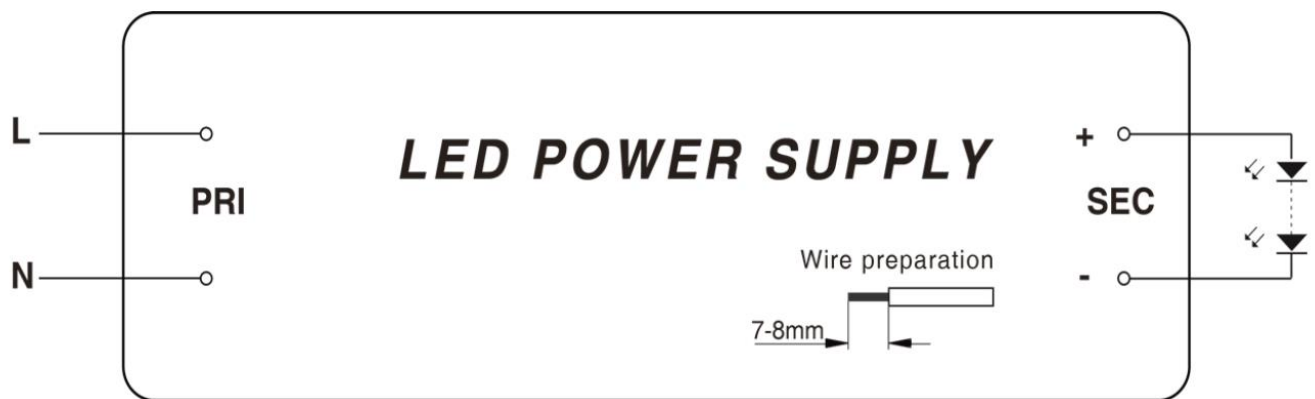
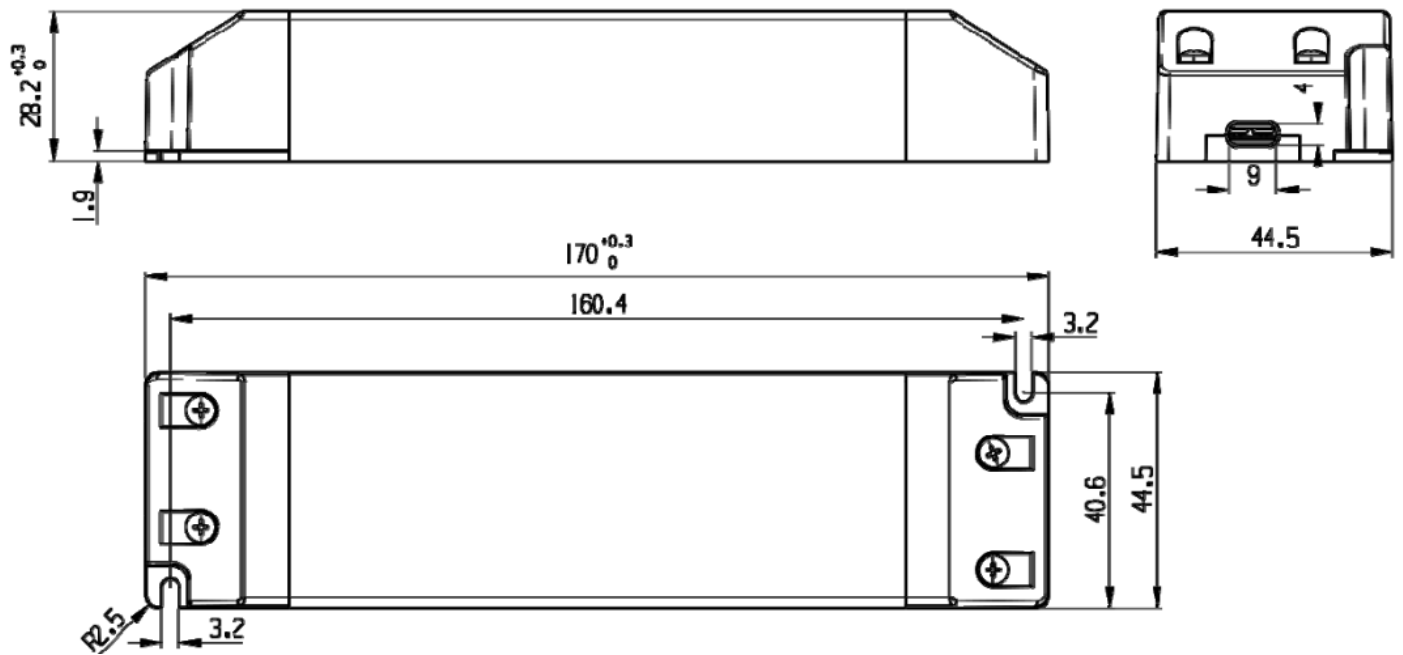
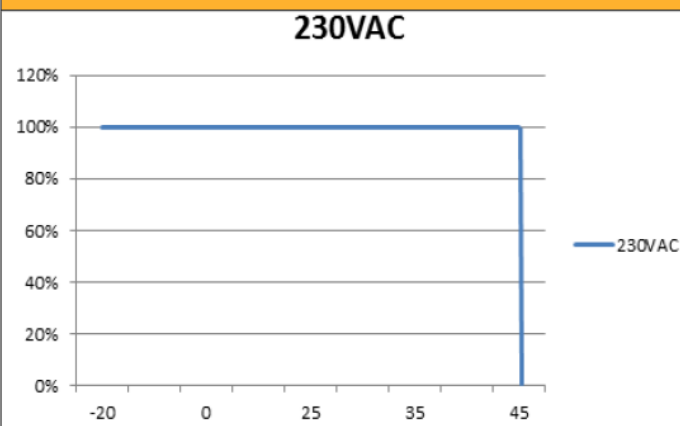
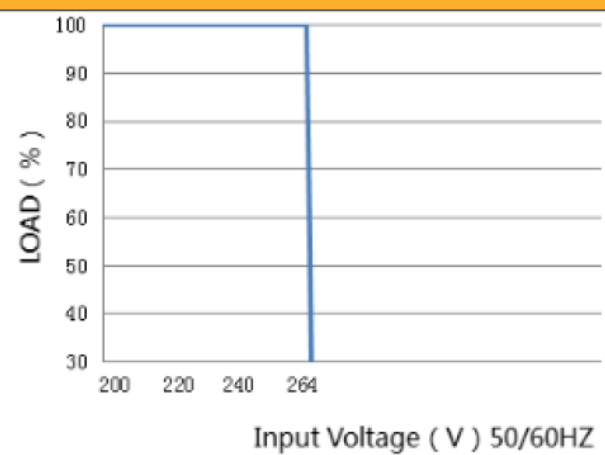
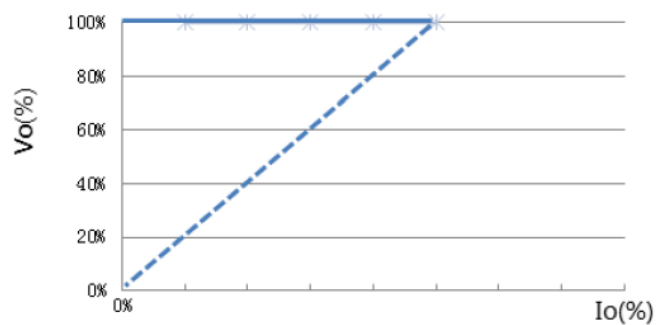
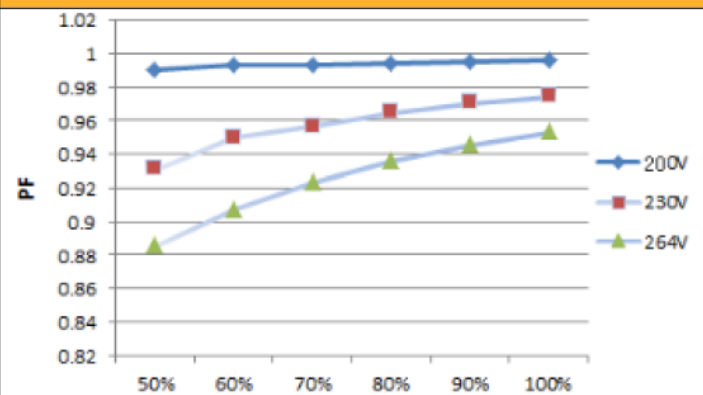
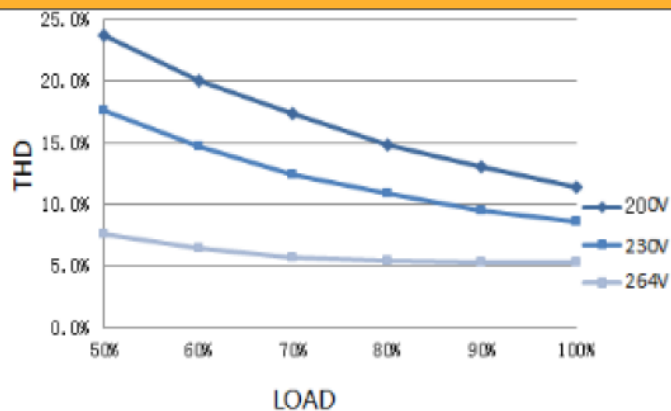


Fig. 1 Output load-Temperature curve**Fig. 2 Static characteristic curve****Fig. 3 I-V curve****Typical LED power supply I-V curve****Fig. 4 Power factor characteristic curve****Fig.5 Total harmonic distortion curve (THD)****Fig.6 Efficiency-Load curve**