

LED Drivers

SPG series Constant Current / Constant Voltage LED Drivers



Features

- Class 1 Metal case LED driver
- High efficiency
- Universal Input Voltage 90 – 305VAC
- Output Voltage 12VDC and 24VDC
- Output Voltage & output current adjustable
- Compliant to worldwide safety regulations
- Open/Short circuit, overload/overheat protection
- IP65 for indoor & outdoor installations
- Built in active PFC
- 5 year warranty.

The SPG series offer cost effective solutions to outdoor waterproof power supply applications featuring dual mode constant voltage and constant current output. The supplies have a wide input voltage range & high efficiency.



Part No.	Output Power	Output Voltage	Rated Output Current	Output Voltage adjust range	Output Current adjust range
SPG100A-12A	100W	12VDC	8.33A	10.5~13.5VDC	4.3 - 8.33A
SPG100A-24A		24VDC	4.17A	22~26VDC	2.2 - 4.17A
SPG150A-12A	150W	12VDC	12.5A	10.5~13.5VDC	6.5 - 12.5A
SPG150A-24A		24VDC	6.25A	22~26VDC	3.3 - 6.25A
SPG200A-12A	200W	12VDC	16A	10.5~13.5VDC	8 - 16A
SPG200A-24A		24VDC	8.3A	22~26VDC	4.2- 8.3A
SPG240A-12A	240W	12VDC	18A	10.5~13.5VDC	9 - 1 8A
SPG240A-24A		24VDC	10A	22~26VDC	5 – 10A
SPG320A-12A	320W	12VDC	26A	10.5~13.5VDC	
SPG320A-24A		24VDC	13.3A	22~26VDC	

A suffix: Adjustable output & Current IP65

Specifications

Operating Temperature	-40 ~ 60°C
Storage Temperature	-40 ~ 70°C
Thermal Dissipation	Air
Relative Humidity	5 ~ 95%
Isolation Voltage	5.3KVDC 1min
Life Expectancy	50000 Hours

Approvals

EMC emission	EN55015 FCC part 15 Class B
Safety	EN61347-1, EN61347-2-13
Electromagnetic Immunity	EN61547, EN55024 EN61000-4-2/3/4/6/8/11
Harmonic Current Emissions	EN61000-3-2 Class C (100% load)