

# LED Drivers

## Constant Current / Constant Voltage LED Drivers



### Features

- Fully Isolated 185W LED driver
- Compliant to worldwide safety regulations
- Short circuit, over load/current/voltage protection.
- >90% efficient.
- IP65/67 for indoor & outdoor installations
- Built in active PFC
- B-type dimmable
- 5 year warranty.

To support our extensive range of LED products we offer a comprehensive range of rugged power supplies designed specifically for LED applications. The SPH series are IP65/IP67 rated for indoor & outdoor applications.



PART NUMBER	RATED POWER	MAX CURRENT	OUTPUT VOLTAGE	AC INPUT	EFFICIENCY	DIMENSIONS (mm)
PSU-SPH40-12A/B	0-40W	3.3A	12v	100~240v	87%	157x52.9x36.5
PSU-SPH40-24A/B		2.66A	24v			
PSU-SPH60-12A/B	0-60W	5.0A	12v		88%	172x52.9x36.5
PSU-SPH60-24A/B		4.0A	24v			
PSU-SPH80-12A/B	0-80W	6.7A	12v		88%	172x61.5x36.5
PSU-SPH80-24A/B		5.33A	24v			
PSU-SPH100-12A/B	0-100W	8.1A	12v		91%	190x61.5x36.5
PSU-SPH100-24A/B		6.6A	24v			
PSU-SPH150-12A/B	0-150W	12.5A	12v		92%	220.8x61.5x36.5
PSU-SPH150-24A/B		10.0A	24v			
PSU-SPH185-12A/B	0-185W	15.0A	12v		92%	195x73.5x36
PSU-SPH185-24A/B		12.0A	24v			
PSU-SPH250-12A/B	0-250W	18.0A	12v		93%	225.2x73.5x38
PSU-SPH250-24A/B		16.0A	24v			

A suffix: Adjustable output & Current IP65  
B suffix: Three-in-one dimming (1-10v, PWM signal, resistance) IP67

### Specifications

Operating Temperature	-30 ~ 45°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)

Specifications may be subject to change without notice