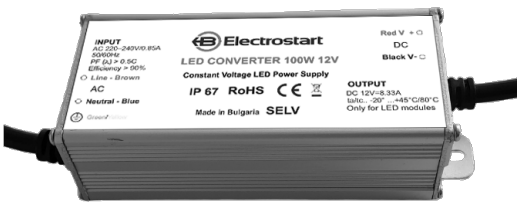


Constant Voltage Power Supply IP67

Application

Constant Voltage Power Supply is designed:

- > to power 12VDC/24VDC LED modules
- > to operate lighting systems which have multiple LED modules connected in parallel
- > independent usage



Electrical characteristics

Supply voltage 220-240VAC
Frequency 50/60 Hz
Two model types PF≥0.5 and PF≥0.95
Output voltage 12V/24VDC

Protection

Ingress protection IP67 design for outdoor installations
Safety class Class I
Overload protection Yes
Short circuit protection Yes
Material of the case Aluminum

Warranty conditions

Lifespan 30 000 h (PF≥0.5)
50 000 h (PF≥0.9)
Warranty 3 Y (PF≥0.5)
5 Y (PF≥0.9)
Ambient temperature -20~45°/50°C
Highest temperature point 80°/85°C

Model type PF≥0.5	Nominal Current	Power factor	Output voltage	Output current	Output Power	Efficiency (at 230VAC/50Hz)	Weight (g)	Length (mm)	Width (mm)	Height (mm)
CV LED 60W 12V	0.61/230VAC	≥0.50	12V	5A	60W	>90%	400	114	54	35
CV LED 100W 12V	0.85/230VAC	≥0.50	12V	8.33A	100W	>92%	425	118	54	35
CV LED 150W 12V	1.20/230VAC	≥0.50	12V	12.50A	150W	>92%	425	118	54	35
CV LED 200W 12V	1.70/230VAC	≥0.50	12V	16.67A	200W	>92%	510	150	54	35
CV LED 300W 12V	2.60/230VAC	≥0.50	12V	25.00A	300W	>92%	680	200	54	35
CV LED 400W 12V	4.00/230VAC	≥0.50	12V	33A	400W	>92%	1200	216	68	43
CV LED 60W 24V	0.61/230VAC	≥0.50	24V	2.5A	60W	>90%	400	114	54	35
CV LED 100W 24V	1.10/230VAC	≥0.50	24V	4.17A	100W	>91%	425	118	54	35
CV LED 150W 24V	1.60/230VAC	≥0.50	24V	6.25A	150W	>92%	425	118	54	35
CV LED 200W 24V	2.10/230VAC	≥0.50	24V	8.34A	200W	>92%	510	150	54	35
CV LED 300W 24V	3.10/230VAC	≥0.50	24V	12.50A	300W	>92%	680	200	54	35
CV LED 400W 24V	4.00/230VAC	≥0.50	24V	16.50A	400W	>92%	1200	216	68	43

Additional information:

- Application in illuminated advertisements and billboards
- IP67 design for outdoor usage
- High quality product

Schemes

