

Constant Voltage LED Power Supply PF0.95 IP6

Application

Constant Voltage LED 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	100-240VAC
Frequency	50/60 Hz
Power factor	≥0.95
Output voltage	12V/24VDC

Protection

Ingress protection	IP67
Safety	Class I
Overload protection	Yes
Short circuit protection	Yes
Case material	Aluminum

Warranty conditions

Lifespan	50 000 h
Warranty	5 Y
Ambient temperature	-20~45°C/50°C
Highest temperature point	80°C/85°C

Model Type	Nominal Current (120VAC/230VAC)	Power Factor	Output Voltage	Output Current	Output Power	Efficiency (230VAC/50Hz, typ.)	Weight (g)	Length (mm)	Width (mm)	Height (mm)
LED Converter 60W 12V PF	0.70A/0.40A	0.96	12V	5.00A	60W	85%	425	142	54	35
LED Converter 100W 12V PF	1.20A/0.60A	0.96	12V	8.33A	100W	91%	570	192	54	35
LED Converter 150W 12V PF	1.40A/0.80A	0.96	12V	12.50A	150W	92%	650	223	54	35
LED Converter 200W 12V PF	2.00A/1.0A	0.98	12V	16.67A	200W	92%	650	223	54	35
LED Converter 300W 12V PF	3.00A/1.60A	0.95	12V	25.00A	300W	92%	950	243	54	35
LED Converter 60W 24V PF	0.70A/0.40A	0.96	24V	2.50A	60W	90%	425	142	54	35
LED Converter 100W 24V PF	0.70A/0.40A	0.96	24V	4.17A	100W	91%	570	192	54	35
LED Converter 150W 24V PF	0.70A/0.40A	0.96	24V	6.25A	150W	92%	650	223	54	35
LED Converter 200W 24V PF	0.70A/0.40A	0.98	24V	8.34A	200W	92%	650	223	54	35
LED Converter 300W 24V PF	0.70A/0.40A	0.95	24V	12.50A	300W	92%	950	243	54	35

Additional information:

- Application in illuminated advertisements and billboards
- IP67 design for outdoor usage
- High quality product
- ELECTROSTART JSCo reserves the right to make changes to the products without prior notice, provided that product performance remains unaffected.

Schemes

