

Constant Voltage LED Power Supply PFLS

Application

Constant Voltage LED Power Supply PFLS is designed:

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



Electrical characteristics

Supply voltage	220-240VAC
Frequency	50/60 Hz
Power factor	≥0.95
Output voltage	12V/24VDC

Protection

Ingress protection	IP20
Safety	Class II
Overload protection	Yes
Short circuit protection	Yes
Case material	Plastic

Warranty conditions

Lifespan	50 000 h
Warranty	5 Y
Ambient temperature	-25°C~45°C
Highest temperature point	85°C

Model Type	Nominal Current (230VAC/50Hz)	Power Factor	Output Voltage	Output Current	Output Power	Efficiency (230VAC/50Hz, typ.)	Weight (g)	Length (mm)	Width (mm)	Height (mm)
LED Converter 20W 12V PFLS	0.11A	0.96	12V	1.65A	20W	88%	90	300	20	17
LED Converter 30W 12V PFLS	0.17A	0.96	12V	2.50A	30W	88%	90	300	20	17
LED Converter 40W 12V PFLS	0.22A	0.96	12V	3.30A	40W	88%	90	300	20	17
LED Converter 60W 12V PFLS	0.35A	0.96	12V	5.00A	60W	85%	100	335	20	17
LED Converter 20W 24V PFLS	0.11A	0.96	24V	0.83A	20W	88%	90	300	20	17
LED Converter 30W 24V PFLS	0.17A	0.96	24V	1.25A	30W	88%	90	300	20	17
LED Converter 40W 24V PFLS	0.22A	0.96	24V	1.67A	40W	88%	90	300	20	17
LED Converter 60W 24V PFLS	0.35A	0.96	24V	2.50A	60W	90%	100	335	20	17

Additional information:

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

Schemes

