



Input Parameters

Input Voltage Range	220-240 Vac
Input Current	<0.02A
Power Factor	> 0.70
Frequency	50Hz
Ambient Temperature	-5-50C
Class	II
Maximum Input Power (While Charging Battery)	2.5 W
Average Input Power (Not Charging Battery)	0.5 W

Output Parameters

Output Voltage 1	20 - 50 Vdc
Output Current 1	250 - 10 mA
Output Mode 1	Constant Power

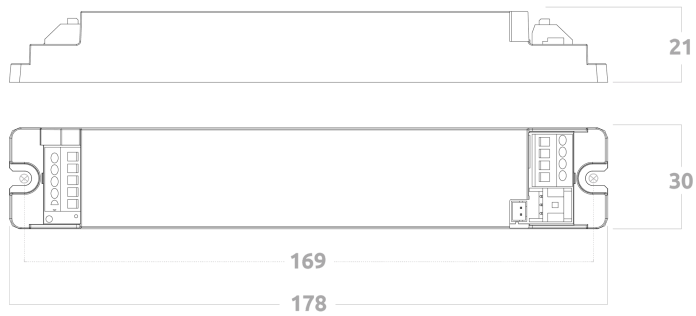
Emergency Parameters

Emergency Duration	180minutes
Battery Type	LiFePO4
Input Battery Voltage	2.0-4.0 Vdc
Output Battery Voltage	2.0-3.65 Vdc
Input Battery Current	2000mA
Output Battery Current	200mA
Charging Time	24 hours
Emergency Output Power	4.0 W

Mechanical

Material	Polycarbonate
Product Colour	RAL9003
Wiring Type	Push Terminal block
Mounting	Inbuilt
IK Rating	IK02
Ingress Protection	IP20
Product Dimension Length	178mm
Product Dimension Height	21mm
Product Dimension Width	30mm

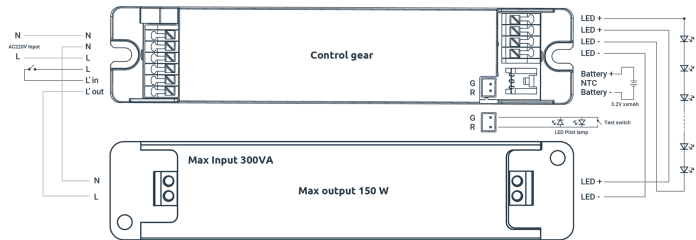
Product Line Drawing



Product Install Picture



Wiring Diagram



Required Safety Warnings

- This product must only be installed by a licensed electrician.
- Before commencing installation turn off and isolate the electrical supply
- Risk of accidental contact with live parts. Do not energise with product open or disassembled.
- Do not attempt to service other parts of the fitting as this will void the warranty.
- For indoor use only
- Dongguan Evolt Electronics Co., Ltd. No.3 Qinghu East Road Yuliangwei Village, Qingxi TownDongguan City, Guangdong, China 523649
- For use with led module only
- Reinforced Insulation is maintained between LV circuit and Output circuit.
- Reinforced Insulation is maintained between LV circuit and Battery circuit
- Basic Insulation is maintained between Battery circuit and Output circuit
- Battery terminal is polarity sensitive