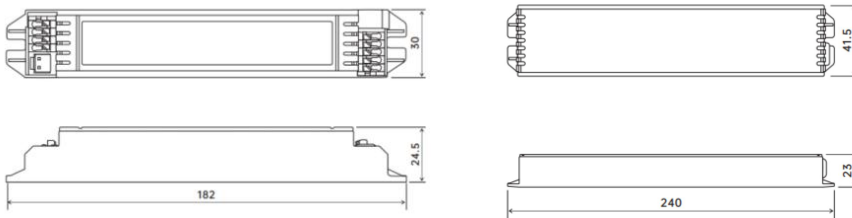


## PRODUCT FEATURES

- 5-40W, Max. 50W. full power output
- For LED tube, panel, down lights...
- Voltage protection input AC85-265V
- External test button & power indicator
- Over charge & over discharge protection
- Short-circuit & no-loading protection
- Fire-resistant PC housing
- 86% high conversion efficiency
- IP20 protection
- Dimension - Driver 182\*30\*24.5mm; Battery Box: 240\*41.5\*23mm



## BATTERY PACK

- High capacity Lithium ion battery
- High temperature resistant batteries
- 18650 11.1V Li-ion battery pack
- Balanced charging scheme for battery pack
- Battery capacity is optional according to emergency time
- Simple plug-in connection

## ORDER INFORMATION

Model	Input Voltage	Output Voltage	Power	EM Time	Dimension	Battery	Casing
FD03408	AC85-265V	220V	40W	60-180mins	Driver 182*3*245mm; Battery Box: 240*41.5*23mm	External 11.1V 4400mAh	PC
FD03409	AC85-265V	220V	40W	60-180mins	Driver 182*3*245mm; Battery Pack: 235*41*23mm	External 11.1V 4400mAh	PC

## TECHNICAL DATA (25°C/70% RH, AC230V/50Hz, RATED LOAD)

Input Voltage	AC85-265V~50/60Hz
Output Voltage	220V
Power Factor	>0.51 (70% load)
Input Power	5-40W, Max. 50W
Conversion Efficiency	>86%
Battery Type	Lithium ion 11.1V 4400mAh
Emergency Time	60-180mins
Charge Time	<24Hrs
Charging Power	10W, Max. 15W
Charging Current	220mA, Max. 300mA
Output Voltage/Current	220V ± 5% (0.03A - 0.15A)
Output Power	5-40W, Max. 50W (depends on LED lamp)
Emergency Output	100% power
Over Charge Protection	≥ 12.3 ± 0.1V enter balanced charging mode; 14.75 ± 0.1 V, cut off charging
Over Discharge Protection	8.25 ± 0.1V
Short Circuit Protection	Current limited output; Automatic recovery after short circuit removed
Open Circuit Protection	Constant voltage output; shut down system after 3s in emergency mode
Overheat Protection	≥60±10°C, automatic recovery after cooling
Ambient Temperature	-5°C - 45°C
Pressure Resistance	I/P - O/P: 3750VAC, I/P - FG: 1870 VAC, O/P - FG: 500 VAC
Leakage Current	≤0.1mA
Insulation Resistance	≥100MΩ (DC500V) I/P-O/P, I/P - FG, O/P - FG
Installation	Internal or External (for better heat dissipation)
IP Protection	IP20
Body	PC
Remark	

# TEST BUTTON AND LED INDICATOR

Green LED ON	Mains power supply - Normal working
Press Test Button	Test function - to switch into EM mode
-	-

# WIRING DIAGRAM

