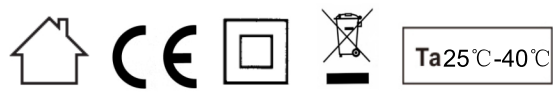


INSTALLATION AND OPERATING INSTRUCTIONS



APPLICATION

During the normal operating conditions, this LED exit is connected to a power network without on-off. When the mains supply is available, the lamp is lit up, the red indicator is ON, AC provides power and charges the built-in rechargeable batteries (AC mode). When the mains is failure, the lamp is lit up by its battery operated inverter (DC mode).

TECHNICAL DATA

1. Input voltage:

220-240VAC 50/60Hz
2. Power consumption:

4W
3. Charge time:

24 hours
4. Emergency duration:

3 hours
5. Operation:

Maintained operation
6. Function:

Manual test switch and LED indicator
7. Working temperature:

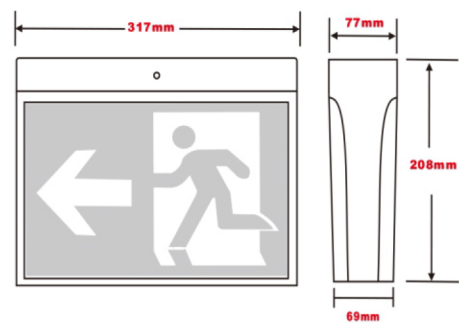
25°C to 40°C
8. Battery:

LiFe Po4 3.2V 1500mAh
9. Mounting:

Ceiling mount / wall mount
10. IP rating:

IP20
11. Material:

Plastic & PMMA



Series product appearance unified. The functions of each MODEL is similar. Please refer to the following table.

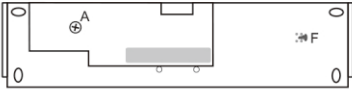
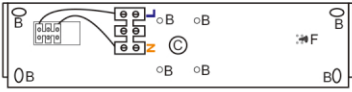
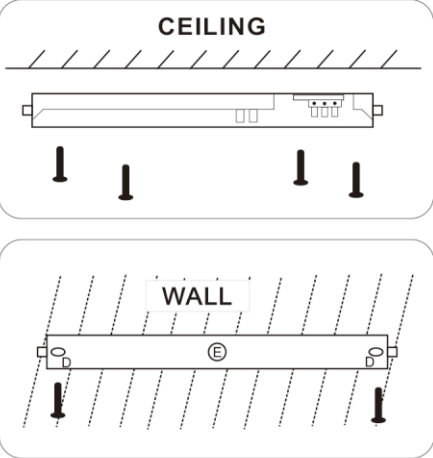
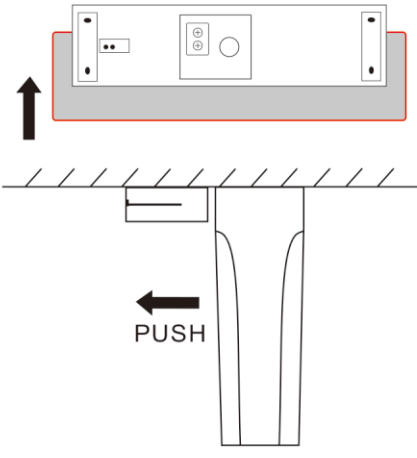
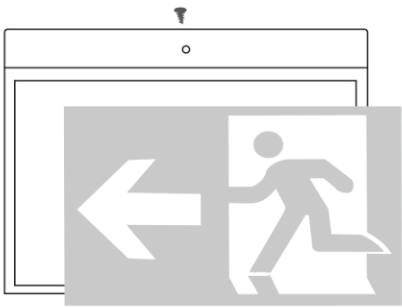
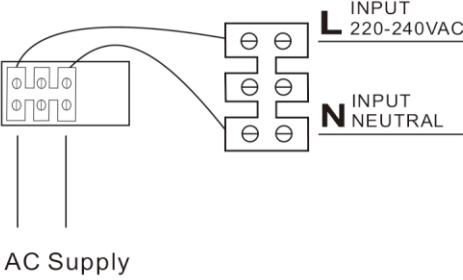
TECHNICAL INFORMATION

Model Number	Classification	Charging mode	Input Voltage	Charge Duration	Discharge Duration	Operation	Power
SP2001DA	24M	4W	220-240V 50/60Hz	24h	3h	Maintained	3.5W
SP2001FE	24M	4W	220-240V 50/60Hz	24h	3h	Maintained	3.5W

The LED light sources is non-user replaceable light sources:

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

INSTALLATION INSTRUCTIONS(JY-3131):

Fig.1 Remove the mounting bracket. 	Fig.2 Open the connector cover. 	Fig.3 Connect the mains cable. 
Fig.4 Install the mounting bracket on the ceiling/wall. 	Fig.5 Lock the mounting bracket in the body. 	Fig.6 Fix the holding screw, insert decals into the diffuser. 
Fig.7 Electrical Connection. 	A Terminal housing screws B Ceiling mounted hole C Punch out 20mm hole for conduit entry D Wall mounted hole E Punch out 20mm hole for conduit entry F Holding screw	

- Fig. 1 Remove the mounting bracket from the body by sliding it from the frame towards you
- Fig. 2 Remove the connector cover housing by undoing a small screw A.
- Fig. 3 Connect the mains cable, please refer to the Fig.7 diagram. And the fix the connector cover.
- Fig. 4 Install the mounting bracket on the ceiling / wall.
- Ceiling: utilise the pre-punched 20mm conduit entry on top of the bracket(See C, Fig. 3). Use the provided fixing holes on top of bracket(See B, Fig. 3),drill 4 holes, fix the self-tapping screw through the ceiling mounted holes,then fix template on ceiling.
- Wall: punch out a 20mm conduit entry prior to fixing.(See E, Fig. 4). Drill two holes , fix the self-tapping screw through the wall mounted holes.
- Fig. 5 Slide the body into place to lock the mounting bracket.
- Fig. 6 Fix the holding screw, Insert the relevant decals panel to the outside frame of the diffuser.

PRECAUTIONS

This product must be only installed by a licensed electrician in accordance with local standards and electrical regulations. Please make sure the main supply is isolated before commencing installation. Check the unit label for correct supply voltage and frequency.

Test Switch

A test switch is provided to simulate a supply circuit failure. Press and hold the test switch, the light works in emergency mode. Release the switch, the light returns normal.

Safety

This is a mains powered product. Before installation or maintenance please ensure the power supply is isolated. If the external flexible cable of this luminaire is damaged, it shall be exclusively replaced by manufacturer or his service agent or similar qualified person in order to avoid a hazard.

The insulation of the control gear between the primary circuit and secondary circuit fulfill double insulation.

This luminaire is intended only for mounting in locations where the plug and socket are protected from unauthorized disconnection.

MAINTENANCE

WARNING: Care should be taken when replacing either the battery, because this lamp is powered by a battery and an operated inverter when disconnected from the mains supply.

Regular discharge duration to be checked in accordance with emergency lighting regulations.

SAFETY:

This is a mains powered product. Before installation or maintenance please ensure to power supply is isolated. If the external flexible cable of this luminaire is damaged, it shall be exclusively replaced by manufacturer of his service agent or similar qualified person in order to avoid a hazard.

The insulation of the control gear between the primary circuit and secondary circuit fulfil double insulation.

This luminaire is intended only for mounting in locations where the plug and socket are protected from unauthorized disconnection.

1. REPLACING THE BATTERY

Using only the battery recommended on the label found on the surface of the inverter. Make sure the main supply is isolated before commencing the replacement. Take out the LED panel from the ceiling. Unplug the AU plug, disconnect the battery terminal and LED panel. Then connect the new battery with the same specification. Connect the LED panel connector. Then connect the battery plug. Connect the plug with network. Reconnect with the main supply, check if the red indicator is ON and the LED panel is OFF, IF the indicator and LED panel are OFF, check again connection of network and the plug of the battery. IF the indicator is ON and the LED panel is OFF, then press the test button, then the red indicator is ON and the LED panel is ON, congratulations, the battery replacement is successful.

2. BATTERY LIFE

The economical life of the battery installed in this product is 4 years; it is recommended that the battery should be replaced after this time. To maintain the economical life of this product it is required that the battery be discharged and recharged at least once every 6 months. (3 months is better.) The battery life can be reduced if the battery is not discharged and recharged in accordance with the requirements of AS 2293.