



E06E Battery Backup Power Box

LED Power Box w/ Battery Backup & Dimming

FEATURES

- Integral LED Power Supply w/ Automatic Battery Backup
- Universal AC input (100-264V AC w/ 277V AC option)
- Up to 8-Hour Battery Backup (10W)
- Hookup for 6V & 12V Bell & Switch
- Powder-Coated Steel Enclosure w/ Knockouts
- Dimming / Battery Controller-Ready Hookups
- Integral Dimming Switch
- Cooling by Free Air Convection

MODELS

- 45 Watts
- 75 Watts
- 120 Watts

ENVIRONMENT

- Dry
- Damp

ELECTRICAL SPECIFICATIONS

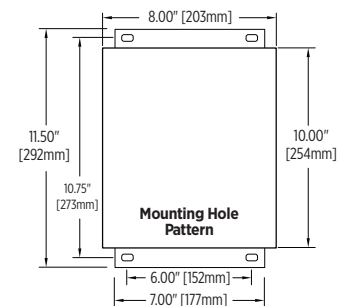
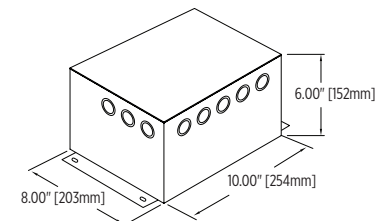
MODEL	PS24V45W-E06E	PS24V75W-E06E	PS24V120W-E06E
Continuous Output Power ¹	45 Watts	75 Watts	120 Watts
Maximum Output Power	60 Watts	100 Watts	150 Watts
Output Voltage	24V DC, Constant Voltage		
Output Current	2.5A	4A	6.3A
Input Voltage	100-264V AC	100-264V AC	100-277V AC
Input Frequency	50/60 Hz		
Input Current	0.8A/115V AC, 0.4A/230V AC	1.1A/115V AC, 0.55A/230V AC	2A/115V AC, 1A/230V AC
Power Factor (Typ.)	>0.9		
Operating Temp. Range ²	-20° to 50°C		
Environment	Dry, Damp		
Certification	cULus (US & Canada)		

Above electrical specifications are for normal operation with AC line connected. When operating on emergency backup power, maximum load is 10W/12V DC for all models listed.

¹ Specified wattage is derated and is the maximum recommended load under normal operating conditions.

² Provided the Power Box is operated within the specified operating temperature range, additional derating is not required.

³ Operating Temp. Range is contingent on the Power Box being installed in free air.



WIRING / SETUP

■ BATTERY TEST SWITCH

Battery test switch allows periodic test of the emergency lighting system.

■ AUTOMATIC BATTERY BACKUP

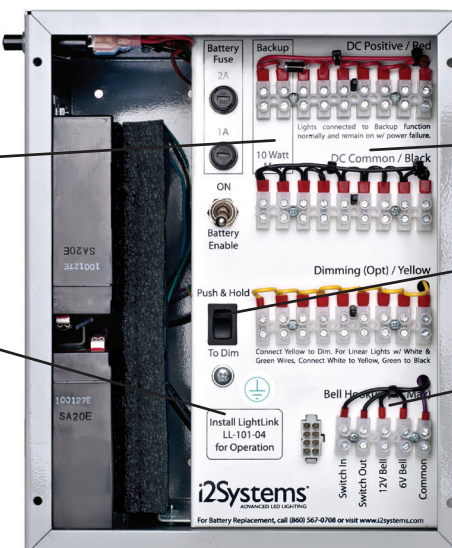
Battery Backup provides up to 8 hours of run time and is automatically engaged with loss of AC power. Max Battery Backup load is 10 Watts.

■ LIGHTLINK™ BATTERY MANAGEMENT & DIMMING

LightLink LL-101-04 Battery Manager / Dimming Module (not shown) provides Smart battery charging and dimming control.

LL-101-04 is required for normal operation of the E06E Power Box and is sold separately.

Cover (not shown)



■ x3 9-POSITION TERMINAL BLOCKS

When enclosure is centrally located, home-run multiple lights to 1 Power Box to simplify wiring.

■ INTEGRAL DIMMING SWITCH

Users are able to trim dimming levels prior to closing the enclosure - on site or at your factory.

■ 6V & 12V BELL HOOKUP

Bell and bell switch hookups provide connection to 6V or 12V emergency bells.

■ UL POWER SUPPLY

Powers up to 120W (dependent on model) of i2Systems LED fixtures under normal operation with AC line connected.