



Type(s)

Project

Date

Notes

GENERAL INFORMATION

The Battery Pack Option installs in a separate enclosure from the Sensor3 rack and keeps the processor energized in the event of power loss or interruption to the system. One of two Sensor3 power support options, the Battery Pack Option is designed for applications where CEM3 Power Control Processor must remain online during power loss providing power for several minute or more. Each CEM3 requires its own battery pack. The enclosure can hold up to two battery packs.

APPLICATIONS

- Professional Theater
- Casinos
- Studio
- Schools
- Museums
- Themed Entertainment

FEATURES

- Designed for use with Sensor3 Power Control System
- Long term power back-up of control electronics for at least 30 minutes
- Automatically engages when power is lost
- Recharges during normal power operation

GENERAL

- UL and cUL Listed
- CE compliant

ORDERING INFORMATION

Unison Battery Pack Option

MODEL	DESCRIPTION
SR3-BPO	Sensor3 Battery Pack Option
SR3-BPO2	Sensor3 2 Battery Pack Option

Compatible Products

MODEL SERIES	DESCRIPTION
SR3	120 V UL Sensor3 installation enclosure
ESR3	230 V CE Sensor3 installation enclosure
HSR	240 V UL Sensor3 installation enclosure

Compatible Control Processors

MODEL	DESCRIPTION
CEM3	CEM3 Power Control

SPECIFICATIONS

GENERAL

- Provides power for a single CEM3 Control Processor for a minimum of 30 minutes
- UL and cUL Listed
- CE compliant

FUNCTIONAL

- Designed for use with Sensor3 Power Control Systems
- Compatible with CEM3 Power Control
- Seamless transfer from charge to power output without user intervention
- Recharges during normal power operation
- Prevents CEM3 from rebooting when power returns
 - Allows for immediate control of the full system as soon as normal power is present

MECHANICAL

- 18-gauge formed steel construction
- Fine-texture, scratch resistant, epoxy paint
- Field installed without tools
- Visible indicator lights clearly identify when the battery is providing power and if maintenance is required
- Installs using factory provided wire harness

ELECTRICAL

- Seamless transfer to battery power upon loss of normal power
- Provides 24 VDC power for control processor during power loss
- Provides backup power for 30 minutes during normal power loss
- Automatically recharges from power feed during normal power conditions
- Two hour recharge time from full discharge
- Factory provided connectors for wiring terminations
- UL and cUL Listed, CE compliant

THERMAL

- Ambient room temperature: 0°C to 40°C (32°F to 104°F)
- Ambient humidity: 10%–90% non-condensing

PHYSICAL

Battery Pack Option Dimensions*

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
SR3-BPO	13.9	353.1	10	254	4.1	104.1
SR3-BPO2	13.9	353.1	10	254	4.1	104.1

Battery Pack Option Weights*

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
SR3-BPO	10	4.5	13	5.9
SR3-BPO2	12.2	5.5	15.2	7.4

*Weights and dimensions typical

