

3100

Addressable SmartCommand System Battery Backup Unit



Reliable backup power for SmartCommand systems.

- Delivers 24-hour standby and 4-hour emergency operation.
- LiFePO₄ battery technology provides compact, lightweight power storage.
- Integrated battery protection enhances system reliability.
- LED status indicators simplify system monitoring and diagnostics.
- Compatible with all SmartCommand BOSS controllers.
- Conforms to UL 2525, UL 1642, CSA 22.2, and NFPA 72 requirements.



Specifications

Battery Type	Lithium Iron Phosphate (LiFePO ₄)
Backup Power Requirements	BOSS 3400 & 3400A: 1 battery BOSS 3400-128 & 3400-64A: 2 batteries
Backup Duration	24-hour standby and 4-hour emergency operation
Output Power	9–12 VDC (10 A max @ 12 VDC)
Surge Power	2000 W
Monitoring	Via SmartCommand BOSS controller and onboard LED indicators
Wiring	Power cord (included)
Dimensions	11.811" × 11.024" × 5.59"
Weight	13.45 lbs
Enclosure	1.2 mm mild steel, satin black finish
Operating Environment	Recommended: 68°F–77°F Discharge: -4°F–131°F Charge: 32°F–131°F
Storage Temperature	1 month: -4°F–113°F 1 year: 32°F–95°F
Humidity	<95% RH
Expected Battery Life	3–5 years
Warranty	2 Years

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Electrical Ratings

Nominal Voltage	9.6 V (3.2 V/cell)
Nominal Capacity	105 Ah @ 77°F
Output Waveform	<0.5 mΩ (1 kHz)
Maximum Discharge Current	10 A
Float Voltage	3.4–3.5 Vpc @ 77°F
Maximum Charge Current	6 A
Transfer Time	20 ms
Self-Discharge	Approximately 3% per month at 68°F. Batteries may be stored up to 6 months at 77°F before requiring a freshening charge.