

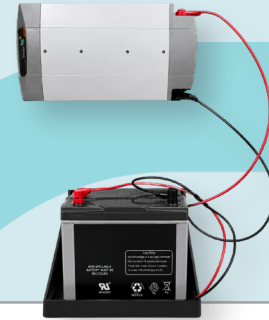
1000

Addressable SmartCommand System Battery Backup Unit



Uninterruptible Power Supply (UPS) for SmartCommand systems.

- Provides backup power during utility power outages.
- Delivers 24-hour standby and 4-hour emergency operation.
- Maintenance-free sealed lead-acid battery.
- Monitored through the SmartCommand BOSS controller.
- Includes inverter, battery, shelf, and protective covers.
- Conforms to UL 2525 and CSA C22.2 requirements.



Specifications

Battery Type	Sealed lead-acid, maintenance-free
Backup Duration	24-hour standby, 4-hour emergency operation
Output Power Surge Power	1000 W 2000 W
Monitoring	Through SmartCommand BOSS controller
Wiring	Power cord (included)
Inverter Battery Dimensions	4.2" × 9.5" × 15.5" 8.3" × 6.6" × 10.2"
Inverter Battery Weight	10 lbs 52.5 lbs
Container Material	ABS flame-retardant (UL94)
Inverter Operating Environment	32°F to 104°F
Battery Operating Environment	Recommended 68°F to 77°F; Discharge: 5°F to 122°F; Charge: 32°F to 104°F
Humidity	<95% RH
Expected Battery Life	3–5 years
Warranty	2 Years

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Electrical Ratings - Inverter

Output Frequency	60 Hz
Output Voltage Regulation	115 ±10 Vrms
Output Waveform	Modified sine wave
Efficiency	>80%
Peak Efficiency	>87%
Idle Power Consumption	<10 W

Electrical Ratings - Battery

Nominal Voltage	12 V
Nominal Capacity	324.6 Watts/cell (15 min rate @ 77°F) 984 Wh (20 hr rate @ 77°F)
Internal Resistance	~4.5 mΩ
Maximum Discharge Current	1230 A (5 s)
Maximum Charge Current	24.6 A
Transfer Time	20 ms
Self-Discharge	Approximately 3% per month at 68°F; recharge after 6 months of storage at 77°F