

# 1000 Uninterruptible Power Supply (UPS)

**SmartCommand** Two-Way Communication (Area of Refuge)



## Reliable backup power to maintain system operation during emergencies.

- Connects to the battery input relay on SmartCommand BOSS (3400, 3400-128).
- 82 Ah battery provides 24-hour standby and 4-hour active power.
- Includes inverter, battery, shelf, and flame-retardant covers.
- Maintenance-free; no water top-ups needed.
- Sealed battery emits no fumes; no special room required.
- Non-hazardous safe shipping classification.



## Specifications

Extra Battery	1000B
Backup Power Requirements Per System Size	<b>≤19 call boxes:</b> 1 battery (1000) <b>20-71 call boxes:</b> 2 batteries (1000 & 1000B) <b>72-122 call boxes:</b> 3 batteries (1000 & 2x 1000B) <b>123-128 call boxes:</b> 4 batteries (1000 & 3x 1000B)
Dimensions	<b>Inverter:</b> 4.2" x 9.5" x 15.5"   <b>Battery:</b> 8.3" x 6.6" x 10.2"
Weight	<b>Inverter:</b> 10 lb   <b>Battery:</b> 52.5 lb
Container Material	ABS flame retardant UL94
Monitoring	Via BOSS unit (#3400, #3400-128)
Electrical Ratings	<b>Output power:</b> 1000 W   <b>Surge power:</b> 2000 W
Wiring Requirements	Power cord (provided)
Environmental	<b>Inverter:</b> 32° F to 104° F, UL94 Flame Retardant <b>Battery:</b> Recommended 68°F to 77°F, Discharge 5°F to 122°F, Charge 32°F to 104°F <b>Storage:</b> 32°F to 104°F, UL94 Flame Retardant <b>Humidity:</b> <95%
Warranty	2 years
Lifetime	3 to 5 years
Regulatory Approval	<b>Regulatory Approval:</b> CSA 22.2 NO 107.1 (Power Conversion Equipment) <b>Battery:</b> UL 458 UL listed (file no. MH19767)
Code Compliance	Conforms to UL2525, Certified to CSA Standard C22.2 No.

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## Specifications Continued

### Electrical Ratings Inverter

Output Power	1000 WS
Surge Power	2000 W
Output Frequency Regulation	60 Hz
Inverter Voltage Regulation	115 +/- 10 Vrms
Output Wave	Modified Sine Wave
Efficiency	>80%
Peak Efficiency	>87%
Idle Mode	<10 W
Off Mode Current Draw (Display Off)	<1 mA

### Electrical Ratings Battery

Nominal Voltage Output	12 V
Nominal Capacity	324.6 Watts/cell (15 Min. rate to 1.67V/cell @ 77°F) 82 Ah (20 Hr. rate to 1.80 V/cell @ 77°F)
Internal Resistance	~ 4.5 mOhms
Max. Discharge Current	1230 A (5s)
Float Voltage	2.25 Vpc to 2.28 Vpc at 77°F
Max Charge Current Allowed	24.6 Amps
Transfer Tim	20 ms (milliseconds)
Self Discharge	3% of capacity declined per month at 20°C (68°F). The batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Compatible with SmartCommand System.

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