

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 lead-acid battery emits no fumes; no special room required.
- Non-hazardous safe shipping classification.



Specifications

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

AVIRE

N56 W24720 N. Corporate Circle Sussex, WI 53089
800-451-1460 | sales.us@avire-global.com
avire-global.com/en-us

Specifications Continued

Electrical Ratings: Inverter

Output Power	1000 W
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	<10W

Electrical Ratings: Battery

Nominal Voltage Output	12 V
Nominal Capacity	324.6 Watts/cell (15 Min. rate to 1.67V/cell @ 77°F) 984Wh (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 Time	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.

AVIRE

N56 W24720 N. Corporate Circle Sussex, WI 53089
800-451-1460 | sales.us@avire-global.com
avire-global.com/en-us