

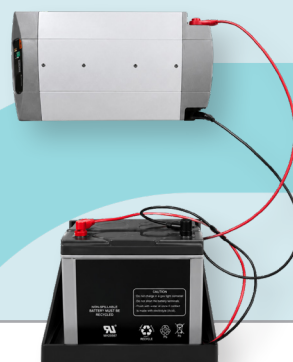
2500-PWRUPS

Analog Command Center System Battery Backup Unit



Reliable backup power for Analog Command Center systems.

- Provides 82 Ah of battery backup capacity.
- Maintenance-free battery requires no water top-up.
- No dedicated battery room required.
- Includes inverter, battery, mounting shelf, and protective covers.
- Monitoring available through the 2500-UPSMONITOR.
- Conforms to UL 2525 and CSA C22.2 requirements.



Specifications

Battery Capacity	82 Ah
Inverter Dimensions	4.20" × 9.50" × 15.50"
Battery Dimensions	8.30" × 6.60" × 10.20"
Inverter Weight	10.0 lbs
Battery Weight	52.5 lbs
Container Material	ABS flame-retardant, UL94
Monitoring	Via 2500-UPSMONITOR
Wiring	Power cord included
Inverter Operating Temp.	32°F to 104°F
Battery Temp.	Recommended: 68°F to 77°F; Discharge: 5°F to 122°F; Charge: 32°F to 104°F
Storage Temp.	32°F to 104°F
Humidity	<95%
Expected Battery Life	3–5 years
Warranty	2 Years

Note: Supplementary 82 Ah batteries are available under RATH® part number SUBRP7701000B.

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Inverter Electrical Ratings

Output Power	1000 W
Surge Power	2000 W
Voltage Regulation	115 $\pm$ 10 Vrms
Output Waveform	Modified Sine Wave
Efficiency	>80%
Peak Efficiency	>87%
Idle Power Consumption	<10 W
Off Mode Current Draw	<1 mA

Battery Electrical Ratings

Nominal Voltage	12 V
Nominal Capacity	324.6 Watts/cell (15 min rate @ 77°F); 82 Ah (20 hr rate @ 77°F)
Internal Resistance	4.5 m Ω
Max. Discharge Current	1230 A (5 sec)
Float Voltage	2.25–2.28 Vpc @ 77°F
Max. Charge Current	24.6 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