

Fire Alarm Backup

Power Rating: 500W to 15kW

Backup: 15 to 1440 Minutes



UL1481 FIRE ALARM POWER SUPPLY

OnLine Power's Fire Alarm Backup System delivers computer-grade, sine-wave power; the preferred power source for all electronic equipment. We combine the electronic inverter and battery charger into a single modular system, utilizing digital signal processing, and including an electronic static transfer switch.



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STANDARD FEATURES

- ✓ **UL 1481 Listed**
- ✓ **Microprocessor Controlled LCD Panel for Monitoring**
- ✓ **Battery Breaker**
- ✓ **Advanced PWM Technology for Non-Linear Loads Digital Signal Processing**
- ✓ **Built-in Input Power Factor Correction**
- ✓ **Generator Compatible with Automatic Governor (Slew Rate 2Hz/sec.)**
- ✓ **True Online, Double Conversion, Technology with Zero Transfer Time**
- ✓ **Input Power Factor Correction and Full Voltage Regulation**
- ✓ **Provision RS232 & AS400 Local ports for metering measuring and diagnostics**
- ✓ **Internal Make Before Break Bypass Switch**
- ✓ **Caster Based, Small Footprint Cabinet**
- ✓ **Inverter Test Switch**

OPTIONAL FEATURES

- **Global Monitoring (GMS):**
 - GMS 1: Local event Logger with Memory (PC Connections via RS232 and RS485) 500 Events
 - GMS 2: Remote Monitoring with Local Network Connection (Wi Fi, Ethernet or Modem)
 - GMS 3: Remote Monitoring with Cellular Network Connection
- **External Maintenance Bypass Switch**
- **Output Distribution: Secondary Auxiliary Circuit Breakers - Normally On, Normally Off, Normally Off w/ Delay, Trip Alarm**
- **Main Input and/or Output Circuit Breaker (with higher KAIC)**
- **Form C Dry Contacts**
- **Custom Rated KAIC Breakers**
- **Multiple Output Voltage**
- **Seismic Floor Mount Brackets**
- **Maintenance:**
 - Extended Warranty
 - Preventative Maintenance Plans

SPECIFICATIONS

Fire Alarm Backup

500W to 15kW

SAFETY STANDARDS

Listed to UL1481 Standards

INPUT

Power Rating: 500, 750, 1000, 1500, 2000, 3000, 4000, 5000, 7500, 10000, 12500, and 15000 Watts
Input Voltage: 120 or 208 or 240 VAC (-20% to +15%)
 7.5kW to 15kW; 208 or 240 VAC (-15% to +10%)

OUTPUT

Output Voltages: 120 or 120/240 VAC
Output Frequency: 60Hz ±0.5Hz
Voltage Regulation: ±3% typical
Wave Form: Sinusoidal
Efficiency: 90% typical
Harmonic Distortion: < 5% THD; < 3% Single Harmonic

PROTECTION

Overload: 125% for 10 min, 150% surge for 10 sec

BATTERY

Battery: Sealed, maintenance free VRLA lead acid battery

Recharge Time: Conforms to UL1481 standards

NOISE ISOLATION

Common Mode: -120 dB
 Transverse Mode: -60 dB

ENVIRONMENT

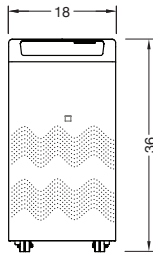
Operating Temperature: UPS: 0° to 40°C (32° - 104°F)
 Battery: 20° to 25°C (66°-77°F)
 Humidity: 0% to 95% (non-condensation)
 Altitude: Up to 10,000 ft

Cabinet Dimensions

(Inches) Width X Height X Depth

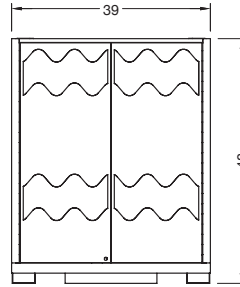
Cabinet A (Electronics) 18"W x 36"H x 32"D
Cabinet B (Battery) 39"W x 48"H x 18"D
Cabinet C (Battery) 39"W x 68"H x 18"D
Cabinet D (Battery) 51"W x 70"H x 30.5"D

Electronics Cabinet

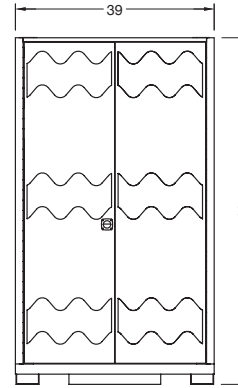


Cabinet A

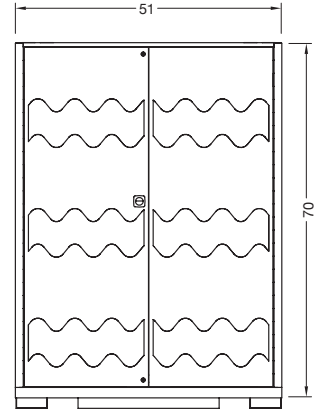
Battery Cabinets



Cabinet B



Cabinet C



Cabinet D

Model Numbers / Cabinet Sizes

CAPACITY	500W	IN/OUT	750W	IN/OUT	1000W	IN/OUT	1500W	IN/OUT	2000W	IN/OUT	3000W	IN/OUT	4000W	IN/OUT	5000W	IN/OUT
MODEL	WR3.0A01FPNI-05	120/120	WR3.0A01FPNI-07	120/120	WR3.0A01FPNI-10	120/120	WR3.0A01FPNI-15	120/120	WR3.0A01FPNI-20	120/120	WR3.0A01FPNI	120/120	WR5.0A01FPNI-40	120/120	WR5.0A01FPNI	120/120
	WR3.0B58FPTI-05	208/120	WR3.0B58FPTI-07	208/120	WR3.0B58FPTI-10	208/120	WR3.0B58FPTI-15	208/120	WR3.0B58FPTI-20	208/120	WR3.0B58FPTI	208/120	WR5.0B58FPTI-40	208/120	WR5.0B58FPTI	208/120
	WR3.0D58FPTI-05	240/120	WR3.0D58FPTI-07	240/120	WR3.0D58FPTI-10	240/120	WR3.0D58FPTI-15	240/120	WR3.0D58FPTI-20	240/120	WR3.0D58FPTI	240/120	WR5.0D58FPTI-40	240/120	WR5.0D58FPTI	240/120
BATTERY TYPE	†CABINET															
Top Terminal	15	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	30	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	60	A	A	A	A	A	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B
	120	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B
	180	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B
	240	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B
	360	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B
	480	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B	A+B
	1440	A+C	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D
Front Terminal	1440	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D	A+D

*Cabinet A includes both the electronic and battery sections. Specifications are subject to change without prior notice. VAW ratings of 7,500, 10,000, 12,500, and 15,000 are available. Consult the factory for additional information.

Warranty

Standard warranty is eighteen (18) months from ship date or twelve (12) months from start up, whichever occurs first.

