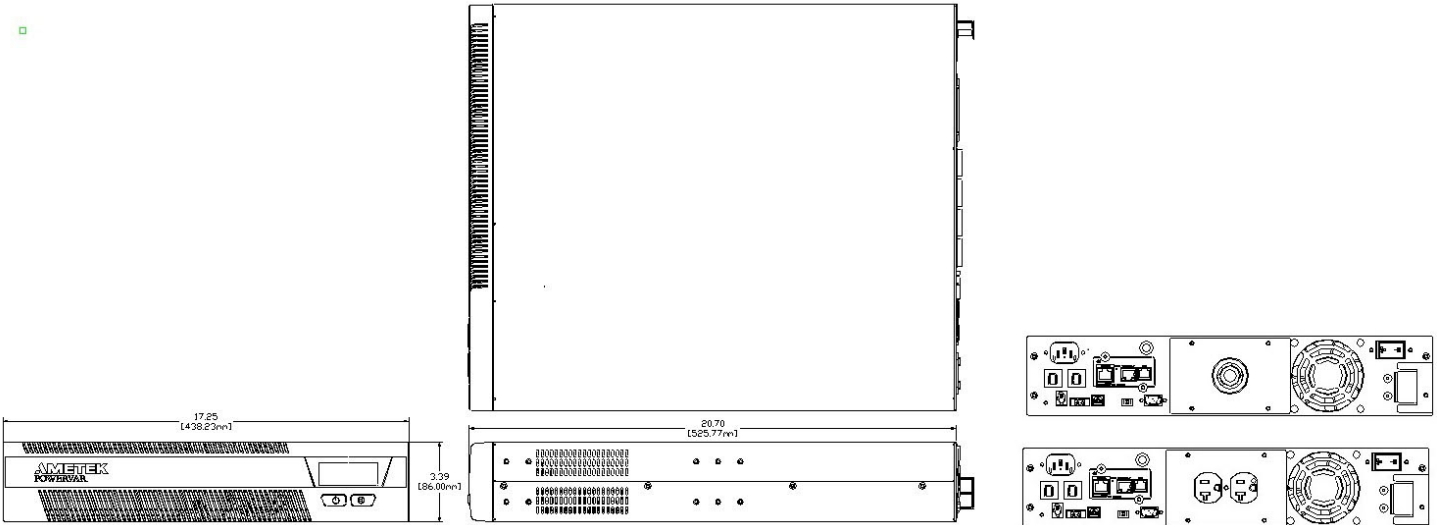


Security II Rackmount UPM Specifications

North American 1000 VA Models - Medical



| MODEL NUMBER PART NUMBER | ABCE1002-11RMED 58100-28R | ABCE1002-11RMED 58100-21R |
|--|--|--|
| Type | Medical Grade | Medical Grade |
| Power Rating (VA/Watts) | 1000 / 900 | 1000 / 900 |
| Inverter Waveform | Low Distortion Sine Wave | Low Distortion Sine Wave |
| Transfer Time | 4 ms. Typical | 4 ms. Typical |
| Frequency | 50 / 60 Hz. | 50 / 60 Hz. |
| BTU/Hr. | 304 | 304 |
| T.H.D. w/100% Resistive Load | <4% On Battery | <4% On Battery |
| Online Efficiency (w/o Charger) | 91% | 91% |
| Input Voltage | 120 | 120 |
| Input Current | 12.0 Amps | 12.0 Amps |
| Input Voltage Range (w/o Using Battery) | 96 to 144 Volts | 96 to 144 Volts |
| Output Voltage | 120 | 120 |
| Output Current (VA/Watts) | 8.35 / 7.5 Amps | 8.35 / 7.5 Amps |
| Output Regulation (On Mains) | ± 10% | ± 10% |
| Output Regulation (On Battery) | ± 5% | ± 5% |
| Backup Time at Full Load (0.7 P.F.) | 10 Minutes | 10 Minutes |
| Floor Mountable | Yes (Optional) | Yes (Optional) |
| Communications Interface | DB9, USB (SNMP Optional) | DB9, USB (SNMP Optional) |
| Shipping Weight (lbs/kg) | 65 lbs/ 29 kg | 65 lbs/ 29 kg |
| Dimensions (in/mm) L x W x H | 20.7 x 17.25 x 3.39 / 525.77 x 438.23 x 86 | 20.7 x 17.25 x 3.39 / 525.77 x 438.23 x 86 |
| Output Receptacles | 2 NEMA - 5-20R (HG) | L5-30R |
| PDU Compatible | No | Yes |

Security II Rackmount UPM Specifications

North American 1000 VA Models - Medical

Front Panel Controls

- Power On/Off
- Test
- Load Level LED Gauge
- Battery Charge LED Gauge
- Voltage Manager Boost LED
- Voltage Output On LED
- Voltage Manager Buck LED
- On Battery LED
- Replace Battery LED
- Overload LED
- Fault Code LED
- System Over Temperature LED

Rear Panel Information and Controls

- 6 Foot Power Cord with NEMA 5-15P Hospital Grade Plug
- Integrated Switched Power Distribution Unit (Requires SNMP / Web Card)
- Configuration Manager DIP Switches
- Communications Manager DB9 Port, USB Port
- Circuit Breaker (AC and DC)
- AC Inlet Module
- Communication Option Slot: SNMP / Web Card, Isolated Relay Contacts Card, or Remote Off Card
- DC External Battery Cabinet Connector
- Fan (Forced Cooling)

Internal Batteries

- User Hot-Swappable (See Instruction Manual)
- Type: 12 Volt, High Rate 23W
- Quantity: 4 Batteries
- Recharge Time: 6 Hours to 80%, 24 Hours to Full Charge (For Internal Batteries Only)

Environmental

- Temperature: 0 - +40°C(32 to 104°F) Operating
-20 to 60°C(-40 to 140°F) Shipment / Storage
- Humidity: 5 to 90% Non-Condensing (Operating, Shipment/Storage)
- Altitude: 3,000m (10,000 ft) max. Operating;
12,000m (40,000 ft) max. Shipment/Storage

Safety Agency and EMC Compliance:

All Units are Listed by UL and Marked With the UL/cUL Marking

Medical UPM:

- UL60601-1 2nd and 3rd Edition, CE Mark with CB Report
- CSA 22.2 No. 601.1-M89
- CSA 22.2 No. 107-1-M91
- CSA 22.2 Nos. 0-M1982
- CSA 22.2 Nos. 0.4-M1982

Products in Compliance with:

- FCC-Part 15, Subpart B, Sections 15.107b & 15.109b Class A Digital Device*
- CISPR11:2009, A1; 2010, Class A*
- EN60601-1-2 : 2007

***Note: Class B is Available as an Option**

Please Consult Your Powervar Sales Representative

RoHS Compliance:

All Products (Standard and Medical) are RoHS Compliant

1000 VA MODELS TYPICAL RUN-TIMES (MINs)

| | 10% (90W) | 20% (180W) | 30% (270W) | 40% (360W) | 50% (450W) | 60% (540W) | 70% (630W) | 80% (720W) | 90% (810W) | 100% (900W) |
|-------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Internal Batteries Only | 105 | 52 | 30 | 20 | 15 | 12 | 10 | 8 | 6 | 5 |
| Internal + 1) E4804-12 | 585 | 292 | 180 | 120 | 90 | 72 | 66 | 53 | 41 | 35 |
| Internal + 2) E4804-12 | 1065 | 532 | 330 | 220 | 165 | 132 | 122 | 98 | 76 | 65 |
| Internal + 3) E4804-12 | 1545 | 772 | 480 | 320 | 240 | 192 | 178 | 143 | 111 | 95 |
| Internal + 4) E4804-12 | 2025 | 1012 | 630 | 420 | 315 | 252 | 234 | 188 | 146 | 125 |
| Internal + 5) E4804-12 | 2505 | 1252 | 780 | 520 | 390 | 312 | 290 | 233 | 181 | 155 |
| Internal + 6) E4804-12 | 2985 | 1492 | 930 | 620 | 465 | 372 | 346 | 278 | 216 | 185 |
| Internal + 7) E4804-12 | 3465 | 1732 | 1080 | 720 | 540 | 432 | 402 | 323 | 251 | 215 |
| Internal + 8) E4804-12 | 3945 | 1972 | 1230 | 820 | 615 | 492 | 458 | 368 | 286 | 245 |

NOISE REJECTION-ISOLATION: With unit under power and an ANSI/IEEE C62.41Cat. A pulse applied either normal or common mode at the input, the noise output voltage will be less than 10V normal mode and less than 0.5V common mode in all four quadrants (CM-NM, NM-NM, CM-CM, NM-CM).

SURGE VOLTAGE WITHSTAND CAPABILITY: Tested under power to ANSI/IEEE C62.41 Cat. A & B (formerly IEEE587-1980). Cat. A - 6000V @ 200 amps, 0.5 usec risetime, 100 kHz decay, Cat. B - 6000V @ 500 amps, 0.5 usec risetime, 100 kHz decay.

Warranty/Support: Powervar warrants the electronics and transformers used in its uninterruptible power managers to be free from defects in materials and workmanship for a period of five years from the date of shipment. Batteries are warranted for a period of two years from the date of shipment. For service or support on any Powervar product, please contact Powervar Technical Support at (800) 369-7179 or visit the Powervar website at www.powervar.com.

Battery Life Disclaimer: Powervar's standard battery warranty applies only to UPS and UPM products which are continuously connected to AC mains power, except during utility power outages. Products which are regularly and intentionally disconnected from AC mains power will experience battery discharge/charge cycles potentially far more numerous than those for which the battery was designed. As a result, products used in such applications will experience substantially reduced battery life. For that reason, Powervar's standard battery warranty does not apply for applications in which the UPS or UPM product is regularly and intentionally disconnected from AC mains power. Powervar UPS and UPM products used in such applications shall receive a 90 day warranty on batteries.