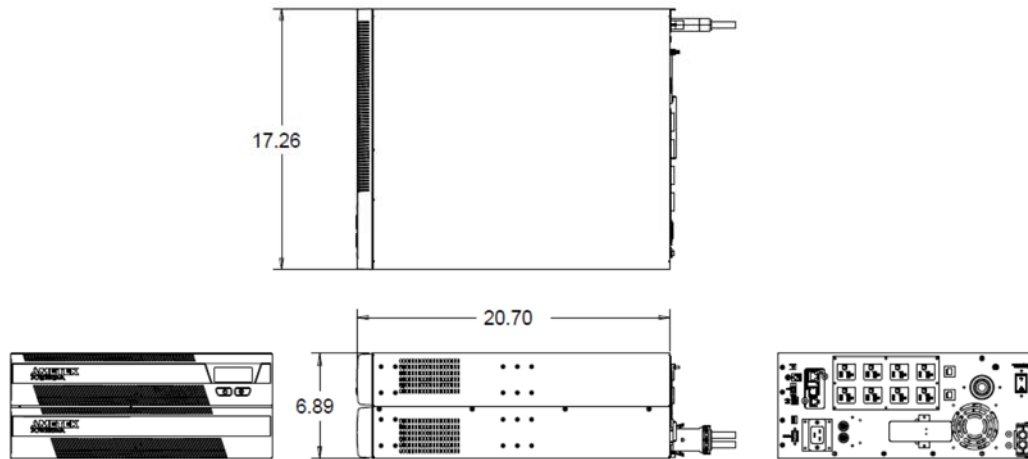


Security II UPM Specifications

North American Models ABCE3002-21R



MODEL NUMBER PART NUMBER	ABCE3002-21R 59300-32R	ABCE3002-21R 59300-38R
Type	Standard	Standard
Power Rating (VA/Watts)	2760 / 2484	2760 / 2484
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.	446	446
T.H.D. Max. w/100% Resistive Load	<4% On Battery	<4% On Battery
Online Efficiency (w/o Charger)	95%	95%
Input Voltage	208	230
Input Current	16.0 Amps	16.0 Amps
Output Voltage	230 and 115	230 and 115
Output Current (VA/Watts)	12.0 / 11.5 and 24.0 / 21.6 Amps	12.0 / 11.5 and 24.0 / 21.6 Amps
Input Voltage Range (w/o Using Battery)	166 to 250 Volts	184 to 276 Volts
Output Regulation (On Mains)	± 10%	± 10%
Output Regulation (On Battery)	± 5%	± 5%
Backup Time at Full Load (0.7 P.F)	6 Minutes	6 Minutes
Floor Mountable	Yes (Optional)	Yes (Optional)
Communications Interface	DB9, USB (SNMP Optional)	DB9, USB (SNMP Optional)
Shipping Weight (lbs./kg)	142 lbs. / 64.4 kg	142 lbs. / 64.4 kg
Dimensions (in/mm) L x W x H	20.7 x 17.26 x 6.89 / 525.77 x 438.23 x 175.00	20.7 x 17.26 x 6.89 / 525.77 x 438.23 x 175.00
Output Receptacle	Eight (8) NEMA 5-20 and (1) NEMA L6-20 Receptacles	Eight (8) NEMA 5-20 and (1) NEMA L6-20 Receptacles
PDU Compatible	Yes	Yes

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

- 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.

Standard UPM:

Products Listed To:

- UL IEC62040, CE Mark with CB Report
- UL 1778 5th Edition
- cUL to CSA 22.2 Nos. 107.3-14

Products in compliance with:

- FCC-Part 15, Subpart B, Sections 15.107b & 15.109b Class A Digital Device*
- CISPR11:2009, A1; 2010, Class A*
- IEC61000-4-2, Electrostatic Discharge
- IEC61000-4-3, Radiated Electromagnetic Field Immunity
- IEC61000-4-4, Electrical Fast Transient/Burst Immunity
- IEC61000-4-5, Surge Immunity
- IEC61000-4-6, Immunity to Conducted Radio Frequency Disturbances
- IEC61000-4-8, Power Frequency Magnetic Field Immunity
- IEC61000-4-11, Voltage Dips, Short Interruptions, and Voltage Variations

Rear Panel Information and Controls

- 1.8 Meter Power Cord with C20 to L6-20 Plug
- Eight (8) NEMA 5-20R and (1) NEMA L6-20 Receptacles
- Configuration Manager DIP Switches
- Communications Manager DB9 Port, USB Port
- Circuit Breaker
- AC Inlet Module
- SNMP Slot (Contact Factory)

Internal Batteries

- User Hot-Swappable (See Instruction Manual)
- Type: 12 Volt, High Rate 23W
- Quantity: 8 Batteries
- Recharge Time: 8 Hours to 80%, 24 Hours to Full Charge

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

Please Consult Your Powervar Sales Representative

Environmental

- Temperature: 0 - +40^o C (32 to 104^oF) Operating
-20 to 60^o C (-40 to 140^o F) Shipment/Storage

RoHS Compliance:

All Products (Standard and Medical) are RoHS Compliant

3000VA TYPICAL RUN-TIMES (MINS)

	10% (248W)	20% (297W)	30% (745W)	40% (993W)	50% (1242W)	60% (1490W)	70% (1739W)	80% (1987W)	90% (2235W)	100% (2484W)
Internal Batteries Only	89	58	20	14	10	7	6	4.8	3.2	3
Internal + 1) E4804-12	239	178	62	42	30	24	16	10.8	9.2	7.5
Internal + 2) E4804-12	389	298	104	70	50	41	26	16.8	15.2	12
Internal + 3) E4804-12	539	418	146	98	70	58	36	22.8	21.2	16.5
Internal + 4) E4804-12	689	538	188	126	90	75	46	28.8	27.2	21
Internal + 5) E4804-12	839	658	230	154	110	92	56	34.8	33.2	25.5
Internal + 6) E4804-12	989	778	272	182	130	109	66	40.8	39.2	30
Internal + 7) E4804-12	1139	898	314	210	150	126	76	46.8	45.2	34.5
Internal + 8) E4804-12	1289	1018	356	238	170	143	86	52.8	51.2	39

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-COM).

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.