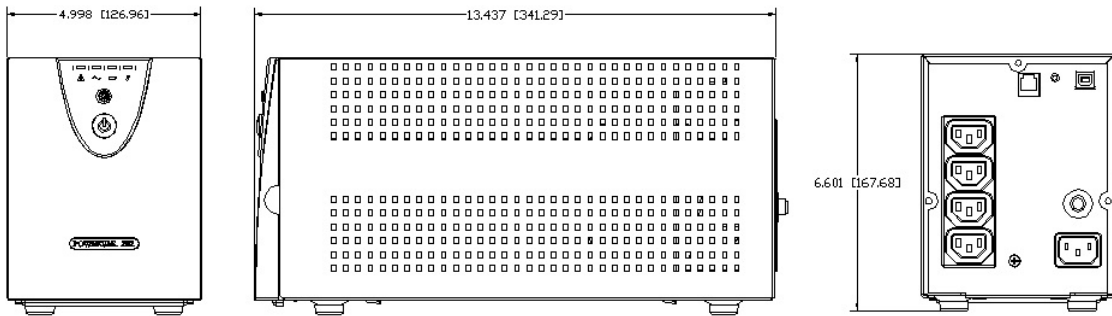


Uninterruptible Power Managers Specifications  
International - Models ABCEG251-22



	ABCEG251-22 52022-01GR
Type	GTS
Power Rating VA/Watts	250/200
Inverter Waveform	Low distortion sine wave
Transfer time	7 ms. Typical
Frequency	50 Hz.
BTU/Hr.	120
T.H.D. Max. w/100% resistive load	<4% on battery
On Line Efficiency w/o Charger	86%
Input Voltage	230
Input Current	1.25 amps
Output Voltage	230
Output Current VA/Watts	0.86/1.08 amps
Input Voltage Range w/o Using Battery	184 - 276 volts
Output Regulation (mains)	± 10%
Output Regulation (on battery)	± 5%
Backup time (full load)	>5 minutes
Communications Interface	RJ11, USB
Shipping Weight (lbs./kg.)	23/10.4

**Front Panel Controls**

- Power On/Off
- Test
- Load Level LED Gauge
- Battery Charge LED Gauge
- Voltage Manager Nominal LED
- On Battery LED
- Fault LED

**Rear Panel Information and Controls**

- IEC C14 Inlet
- Four (4) IEC320 C13 receptacles
- Communications Manager RJ11 port, USB port
- Circuit Breaker

**Internal Batteries**

- User hot-swappable (see instruction manual)
- Type - 12 volt, 9AH
- Quantity - 1 battery
- Recharge time - 6 to 10 hours to 90%, 24 hours to full charge

**Environmental**

- Temperature - 0 - +40<sup>0</sup> C (32 - 104<sup>0</sup>F) Operating  
-20 - +60<sup>0</sup> C (-40 - +140<sup>0</sup> F) Shipment, Storage
- Humidity - 5 - 90% non-condensing (Operating, Shipment, Storage)
- Altitude - 2,000m (6,500 ft) max. operating; 15,000m (49,000 ft) max shipment and storage.

**Safety Agency and EMC Compliance:** All units are listed by UL, and marked with the UL/cUL marking.

**Standard UPM:**

**Products Listed To:**

- UL1778 4th edition, EN62040-1-1

**Products in compliance with:**

- EN62040-2, 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

**RoHS Compliance:**

All products are RoHS compliant

**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 North American service or support on any POWERVAR product, please contact POWERVAR Technical Support at (800) 369-7179 (in Illinois call (847-596-7000). For service and support in EMEA, contact POWERVAR, Ltd. in the United Kingdom at +44 (0) 1793 553980. Or visit the POWERVAR website at [www.powervar.com](http://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.