



POWERVER 3200 Series

kVA: 10/20/30/40kVA • kW: 9/18/27/36kW

Powervar has provided the industry with over 25 years of power quality solutions and has developed a full line of power protection equipment with unmatched reliability and quality which is the gold standard of the industry. Powervar 3200 Series Three-Phase Uninterruptible Power Supply (UPS) is designed for small data centers and critical load applications. The unsurpassed reliability and superior design of the 3200 Series UPS has the smallest footprint in the industry which translates to more data center space for additional computer racks.



Technology

- The most advanced IGBT technology
- Inrush current capability to withstand up to 300%.

Reliability

- Powervar has provided the industry with over 25 years of power quality solutions
- Two-year product warranty; includes batteries

Transformer-Less Design

- High efficiency rate, up to 93%
- Powervar 3200 Series has one of the smallest footprints in the industry

Serviceability

- Convenient front and top access for service
- Hot swappable batteries

Communications

- Integrated SNMP network card and Modbus ports to remotely monitor and manage the UPS system
- State of the art internal touchscreen battery monitoring functionality



kVA Size	kW	Internal Runtime	Input Voltage (VAC)	Output Voltage (VAC)	Size (in.) (H x W x D)	Ship Weight (lb)
10 kVA	9 kW	10 minutes	208	208/120	48 x 18 x 34	850
20 kVA	18 kW	7 minutes	208	208/120	48 x 18 x 34	951
30 kVA	27 kW	9 minutes	208	208/120	60 x 23 x 34	1,490
40 kVA	36 kW	6 minutes	208	208/120	60 x 23 x 34	1,555

Input Specifications:

208VAC (3 phase, 4-wire)
 Input Voltage Range (+15%, -15%)
 Power Factor (0.99 100% load, 0.98 min. 50% load)
 Input THDi (1% - 100% load, 2%-50% load)
 Frequency Range (43-67Hz)

Agency Approvals

UL1778 (4th Ed.), cUL, CSA 22.2
 IEC 62040-1 UPS Standards
 ISO 9001 Quality Assurance Program
 EMI Compatibility: FCC Title 47, Part 15, Subpart B
 SEISMIC/OSHPD Approved

Communications

RS485/232 Communication ports (Standard)
 SNMP Compatible (Standard)
 Modbus Compatible (Standard)
 (4) Digital Programmable Inputs (Standard)
 (6) Programmable Dry Contact Outputs (Standard)
 Paralleling Capable

Accessories

Matching Transformer Cabinets
 Matching Battery Cabinets
 Matching Maintenance Bypass System Cabinets
 DC Disconnects
 Wall-mounted external Maintenance Bypass Systems
 Remote Monitoring Panel (RMP)
 Power Distribution

Output Specifications:

208VAC/120VAC (3 phase, 4-wire)
 Overload Capacity (w/utility) (300% for 140 milliseconds)
 (150% for 60 seconds)
 (125% for 10 minutes)
 Efficiency (Up to 93%)
 Output Voltage THD (2%)
 Output Frequency (50/60 Hz)
 Operating Temperature Min. F/(C) 32 / (0)
 Operating Temperature Max. F/(C) 104 / (40)
 Storage Temperature Min. F/(C) -4 / (-20)
 Relative Humidity 0-95%, non-condensing
 Operating Elevation ft/(m) 3,300 (1,000)
 per IEC 62040/3
 Audible Noise Less than 54dba @ 1 meter



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