

# POWERVAR 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



# POWERVAR 3200 Series – Specifications

## kVA Size

## kW

## Dimensions (W x D x H)

## Internal Runtime

## UPS Weight

10kVA	9 kW	18.0" x 33.7" x 48.0"	6 minutes	600 lbs
20kVA	18kW	18.0" x 33.7" x 48.0"	6 minutes	700 lbs
30kVA	27kW	23.2' x 34.8' x 59.6'	9 minutes	1,050 lbs
40kVA	36kW	23.2' x 34.8' x 59.6'	5 minutes	1,050 lbs

### 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  
 UL924 Compliant

### Communications

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

### Accessories

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

### Output Specifications:

208VAC/120VAC (3 phase, 4-wire)  
 Overload Capacity (w/utility) (300% for 10 seconds)  
 (150% for 60 Seconds)  
 (125% for 10 minutes)  
 Efficiency (93%)  
 Output Voltage THD (2%)  
 Output Frequency (50/60 Hz)

### Environmental

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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