

# POWERVAR 3200 Series

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

POWERVAR has provided the industry with 25 years of power quality solutions and has developed a full line of power protection equipment with unmatched reliability and quality that's the gold standard of the industry. POWERVAR offers an in-depth product portfolio of real solutions and real protection for the technology your business relies on to keep your operation running smoothly. POWERVAR is proud to announce the 3200 Series, Three-Phase Uninterruptible Power Supply (UPS) designed for small data centers and critical load applications. POWERVAR 3200 Series reliability and superior design has the smallest footprint in the industry which translates to more data center space for additional computer racks.

## Technology

- The most advanced IGBT technology, widest input range in the industry
- Inrush current capability to withstand up to 300%. No other three-phase UPS measures up to our rigorous standards

## Reliability

- POWERVAR has provided the industry with 25 years of power quality solutions
- 2 year product warranty; includes batteries

## Transformer-Less Design

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

## Serviceability

- Front and top access for serviceability
- Hot swappable batteries

## Paralleling Capabilities

- Incorporates paralleling of units (up to four) for redundancy or capacity
- No additional "Control Box", which saves data center floor space

## 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, the only one in the industry which includes thermal runaway protection



# POWERVAR 3200 Series – Specifications

## kVA Size

## kW

## Dimensions (W x D x H)

## Internal Runtime

## UPS Weight

kVA Size	kW	Dimensions (W x D x H)	Internal Runtime	UPS Weight
10kVA	9 kW	18.0" x 30.0" x 56.0"	10 minutes	600 lbs
20kVA	18kW	18.0" x 30.0" x 56.0"	7 minutes	700 lbs
30kVA	27kW	23.5" x 30.0" x 60.0"	9 minutes	1,050 lbs
40kVA	36kW	23.5" x 30.0" x 60.0"	6 minutes	1,050 lbs

### Input Specifications:

208VAC (3 phase, 4-wire)  
 Input Voltage Range (+15%, -30%)  
 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)  
 (6) Digital Programmable Inputs (Standard)  
 (8) Programmable Dry Contact Outputs (Standard)

### Paralleling Capabilities

Up to (4) units  
 Redundancy or Capacity

### 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 500ms)  
 (150% for 60 Seconds)  
 (125% for 10 minutes)  
 Efficiency (93%)  
 Output Voltage Regulation (+/- 2% - 0-100% step load)  
 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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