XT-2000 UPS

High Temperature Outdoor UPS

The XT-2000 high temperature outdoor UPS provides constant reliable backup power to outdoor equipment as well as optionally acting as a Power Transfer Switch. The XT-2000 provides stable power to critical loads using the embedded AVR when utility power is good and will instantly switch to back-up power when there is a utility fault.

The optional PTS module allows the UPS to be serviced or replaced with no interruption to loads.

Key features include:

- Continuous power to critical loads
- Wide operating range -40 – 80°C
- Built-in boost and buck AVR to regulate input voltage
- Selectable transfer time for normal or generator mode
- Provides RS-232, USB and SNMP capabilities
- AC input, AC output and battery circuit breakers
- User adjustable charging current
- Adjustable input threshold voltage
- Programmable signals for dry contacts
- Battery compensation for optimal battery life

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Product Specifications

Model	XT-2000
Poles	2000VA / 1600W
Nominal Input Voltage	$120V_{AC}$ OR $230V_{AC}$
Input Voltage Range	$100 - 130V_{AC}$ (default) OR $170 - 300V_{AC}$ $88 - 152V_{AC}$ (Adjustable AVR function available for $120V_{AC}$ system)
Input Frequency	50/60Hz auto sensing
Output Nominal voltage	$120V_{AC}$ OR $230V_{AC}$
Output Voltage Regulation (Battery Mode)	$120V_{AC} \pm 5\%$ OR $230V_{AC} \pm 5\%$
Output Frequency	$50/60Hz \pm 0.1\%$
THD (Battery Mode)	< 3% @ full resistive load
Output Efficiency	AC MODE: 95% AVR MODE: 90% BATTERY MODE: 87 – 90%
Transfer Time	NORMAL MODE: 12ms (max) GENERATOR MODE: 25ms (max)
Output Waveform	Pure sine wave
Battery DC Voltage	$48V_{DC}$
Low Voltage Warning	$46V_{DC} \pm 0.4V_{DC}$ @ no load
Battery Type	AGM/Gel
Charging Current	2A/4A/6A/8A/10A (adjustable)
Indicators	BYPASS MODE: Green LED on BATTERY MODE: LED Flashing NO OUTPUT: Green LED off WARNING WITH OUTPUT: Yellow LED on FAULT WITHOUT OUTPUT: Red LED on
Communication	RS-232/USB & SNMP
Dry Contact Rating	3A @ $125V_{AC}$ OR $250V_{AC}$
Dimensions W x D x H	400 x 240 x 133 mm
Net Weight	12.5Kg
Protection Standard	IP20
Operating Conditions	-40 – 80°C at 5 – 95% relative humidity (non-condensing)
Noise	< 48dBa
EMI Compliance	Class A FCC/CISPR [EN50091-2: 1995]
Surge Protection	IEEE/ANSI C.62.41 & 2kV, L-N

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