

## XUPS-1500-8777

(UPS module built on a metal baseplate with lithium ion batteries,  
for use inside a NEMA 4X or explosion-proof cabinets)

<b>Input</b>	
Operating Input AC Voltage Range	95~135 vac
Operating Input AC Frequency Range	57~63 Hz
Maximum AC Input Current	14A
AC Input Surge Protection	Heavy-duty surge protection circuit is included
AC Input Connector	3 position Terminal Block (Line, Neutral, Earth Gnd)
<b>Output</b>	
UPS Design Topology	Line Interactive, with Boost/Normal/Buck stages
Maximum UPS Output Power	1050 watts
UPS Output Voltage	115 vac +/- 8%
Maximum UPS Output Current	9.13A
UPS Output Waveforms (while on AC & Inverter/Battery Modes)	Same as AC input waveform when AC is OK Pure Sinewave (<5% THD) Inverter Output
Power Efficiency in AC Line Mode	97% (typical)
Power Efficiency in Backup Mode (Battery/Inverter)	About 92%
Transfer Time (Line to Inverter and Inverter to Line)	4 ms maximum
UPS Output Connector	3 position Terminal Block (Line, Neutral, Earth Gnd)
<b>Battery</b>	
Type	Lithium Ion Batteries
Battery Operating Temperature Rating	-20 to +60 degrees C
Battery Bank Bus Voltage	48 vdc
Battery Bank Amp-Hour Rating	9.2 AH
Battery Runtime	Approximately 15 minutes under full 1050 watt load (about 35 minutes under half load of 525 watts)
Battery Charger Type	54 volt, 4A battery charger
Battery Recharge Time (after full discharge)	Approximately 3 hours
Battery Protection	UPS shuts down automatically when battery voltage drops below 41 volts
<b>LED Indicators</b>	
AC OK + AC voltage boost/normal/buck	Four Green (solid) indicator LED's
Operating on Battery & Inverter	Yellow (blinking) LED
Load Level Indicator LED array (5 LED's)	Indicates Load from 0 to 100% (in 20% increments)
Battery Level Indicator LED array (5 LED's)	Indicates Battery Charge Level (in 20% increments)
<b>Alarm Signals (on DB-9 alarm interface connector)</b>	
BATTERY OK / BATTERY LOW	Normally open pins 8 & 9 become closed contact when battery voltage drops below 44 volts
AC OK / AC FAIL	Normally open pins 6 & 7 become close contact during AC failure conditions
<b>Mechanical</b>	
UPS is built on a sturdy metal baseplate (Baseplate dimension is 24" x 20" maximum)	Fully functional UPS on a baseplate (batteries included)
Maximum Overall Dimension	24 long x 20 wide x 8 high (inches)
Weight (including batteries)	Approximately 90 lbs
<b>Environmental</b>	
Cooling Method	Heatsink cooling fan is included
Operating Altitude	0 to 3000 meters above sea level
Operating Temperature	-20 to +60 degrees C (ambient air temperature)
Storage Temperature	-20 to +60 degrees C
<b>Mounting</b>	
Four holes at the corner of the baseplate allows quick and secure installation on any flat surface	
<b>Warranty</b>	
2 years for electronic parts (1 year for batteries)	