

Outdoor UPS



- Provides continuous power to critical loads during blackout in rugged environment
- Wide operating temperature range from -40°C to 80°C suits for outdoor applications
- Built-in boost and buck AVR to regulate input voltage
- Selectable transfer time for normal or generator modes
- Provides RS-232, USB and SNMP intelligent port
- Circuit breaker protection on AC input, AC output and external battery input
- User-adjustable charging current
- Adjustable input threshold voltage
- Provides programmable signals for dry contacts
- Battery compensation design will optimize battery lifecycle

Outdoor UPS Selection Guide

MODEL	Outdoor 1500A	Outdoor 2000A
Rated Power	1500VA/1200W	2000VA/1600W
INPUT		
Nominal Voltage	120 VAC or 230 VAC	
Acceptable Voltage Range	100-130 VAC (Default) or 170-300 VAC 88-152 VAC (AVR Function enabled only available for 120VAC system, adjustable)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
Nominal Voltage	120 VAC or 230 VAC	
Voltage Regulation (Batt. Mode)	120 VAC ± 5% or 230 VAC ± 5%	
Output Frequency	50Hz/60Hz ± 0.1%	
THD (Batt. Mode)	<3% @ Full resistive load	
Efficiency	AC Mode	95%
	AVR Mode	90%
	Battery Mode	87% - 90%
Transfer Time	Normal Mode (max.)	12ms
	Generator Mode (max.)	25ms
Waveform	Pure sinewave	
BATTERY		
Nominal DC Voltage	24VDC	48VDC
Low DC Warning Voltage	23VDC ± 0.2VDC @ no load	46VDC ± 0.4VDC @ no load
Battery Type	AGM/Gel	
Charging Current	2A/4A/6A/8A/10A (Adjustable)	
INDICATORS		
Bypass Mode	Green LED on	
Battery Mode	Green LED flashing	
No Output	Green LED Off	
Warning with Output	Yellow LED on	
Fault without Output	Red LED on	
MANAGEMENT		
Communication	RS-232/USB and SNMP	
Dry Contact Rating	3A @ 125Vac or 250Vac	
PHYSICAL		
Dimension, D X W X H (mm)	400 x 240 x 133	
Net Weight (kgs)	12.5	
Type of Mechanical Protection	IP20	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-40°C to 80°C	
Noise Level	< 48dB	
COMPLIANCE		
EMI Compliance	Class A FCC/CISPR [EN50091-2: 1995]	
Surge Protection	IEEE/ANSI C.62.41 & 2KV, L-N	

Product specifications are subject to change without further notice.