

Outdoor UPS



- Provide 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
- Provide 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
- Provide programmable signals for dry contacts
- Battery compensation optimizes battery lifecycle

Outdoor UPS Specification

MODEL		Outdoor 2000A	Outdoor 2000E
Rated Power		2000VA / 1600W	
INPUT			
Nominal Voltage		120 VAC	230/240 VAC
Acceptable Voltage Range		88 ~152 VAC user programmable. Default: 100 ~ 130VAC	176 ~ 300VAC user programmable. Default: 200 ~ 260VAC
Frequency Range		50 Hz/60 Hz (Auto sensing)	
OUTPUT			
Nominal Voltage		120 VAC	230/240 VAC
Voltage Regulation (Batt. Mode)		120 VAC ± 5%	230/240 VAC ± 5%
Output Frequency		50Hz/60Hz ± 0.1%	
THD (Batt. Mode)		<3% @ Full resistive load	
Efficiency	AC Mode	95%	
	AVR Mode	90%	
	Battery Mode	90%	
Transfer Time	Normal Mode (max.)	12ms	
	Generator Mode (max.)	25ms	
Waveform		Pure sinewave	
BATTERY			
Nominal DC Voltage		48VDC	
Low DC Warning Voltage		46VDC ± 0.4VDC @ no load	
Battery Type		AGM	
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 optional SNMP	
Dry Contact Rating		3A @ 125VAC	3A @ 250VAC
PHYSICAL			
Dimension, Dx W x H (mm)		240 x 400 x 133	
Net Weight (kgs)		13	
Type of Mechanical Protection		IP20	
ENVIRONMENT			
Humidity		5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature		-40°C to 80°C	-40°C to 70°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.