

Outdoor UPS

Pure Sine Wave Line Interactive
500VA ~ 3000VA



Pure sine wave interactive outdoor UPS is specially designed for outdoor communication equipment, networking equipment, traffic control system and other applications of city corner, countryside, or mountainous area. High temperature resistance, frost resistance, corrosion resistant, dust prevention, and water resistance are based. With advanced functions like wide range of input voltage and frequency, high reliability, energy saving, environmental protection, anti-thunder, remote control, remote detection, etc. Our UPS can guarantee stable power supplying to communication, networking, traffic control and other devices. It is ideal helpmate for critical outdoor devices.

Features

- Strong environmental adaptability
- High reliability, energy saving, environmental protection
- Wide adaptability to power grid
- Unattended and intelligent monitoring (optional)
- Inverter isolation & pure sine wave technology
- Online UPS protection function
- Intelligent no-load shutdown (optional)
- Auto restart when mains power is restored

Technical specifications

MODEL	500 VA	1000 VA	2000 VA	3000 VA
Capacity	300 W	600 W	1200 W	1800 W
DISPLAY				
Panel indicator	LED / LCD (customized)			
MAINS STATES				
Applications	Outdoor lighting system; Traffic monitoring system; Telecommunication / network base station system			
Input voltage range	100 Vac / 110 Vac / 115Vac / 120 Vac / 200Vac / 220 Vac / 230 Vac / 240 Vac $\pm 25\%$			
Input frequency range	45 ~ 65 Hz (over-frequency automatically transfer to inverter power)			
Stable output voltage range	174 ~ 216 Vac / 190 ~ 238 Vac / 199 ~ 250 Vac / 210 ~ 260 Vac ± 10 Vac for 200 Vac / 220 Vac / 230 Vac / 240 Vac 87 ~ 108 Vac / 96 ~ 120 Vac / 100 ~ 125 Vac / 105 ~ 130 Vac ± 10 Vac for 100 Vac / 110 Vac / 115 Vac / 120 Vac			
Input P.F. (AC/DC)	98%			
Efficiency	Mains mode $\geq 96\%$			
Mains overload	110% for 120 s, 125% for 60 s, 150% for 10s			
Short circuit	Input fuse			
INVERTER STATES				
Inverter output voltage	100 Vac / 110 Vac / 115Vac / 120 Vac / 200Vac / 220 Vac / 230 Vac / 240 Vac $\pm 5\%$ (battery ≥ 11 Vdc)			
Output frequency	50 Hz / 60 Hz $\pm 1\%$ frequency adaptive			
Output power factor	≥ 0.6			
Waveform distortion	Linear load $\leq 5\%$			
Transfer time	≤ 10 ms			
Efficiency	Inverter mode $\geq 80\%$			
Inverter overload	110% for 60 s; 125% for 10 s, 150% for 5 s			
No-load shut-off (option)	load $< 5\%$ auto shutdown in 1 min			
Short circuit	the system automatically shut down			
ALARM				
Mains abnormal	1 / 4 s, be silent in 40 s			
Low battery	1 / 0.2 s			
Overload	1 / 1 s			
BATTERIES				
DC voltage	24 Vdc		48 Vdc	
Inner battery space	12V / 38 Ah $\times 2$ / 12V / 120 Ah $\times 2$		12V / 38 Ah $\times 4$	12V / 120 Ah $\times 4$
Charging current	Max. 12 A			
Communication interface (option)	Dry contacts / RS232 / USB / SNMP			
OTHERS				
Installing	Floor standing or Wall-mounted			
Surge protection	Class C			
Safety	IEC62040-2:2006, GB4943-2001			
EMC	EA50091-2; IEC62040-1:2006; EA61000-3-2:2006; EA61000-3-3:2008			
Protection grade	IP 55			
Environmental temperature	0°C ~ 50°C (-30°C optional)			
Environmental humidity	10% ~ 95% (non-condensing)			
Noise	≤ 50 dB			
Weight (kg)	17.5 / 36.7		36.7	60.7
Dimensions (mm) W \times D \times H	430 \times 245 \times 550 / 470 \times 245 \times 900		470 \times 245 \times 900	800 \times 560 \times 1100
Packaged dimensions (mm) W \times D \times H	500 \times 330 \times 620 / 540 \times 330 \times 980		540 \times 330 \times 980	948 \times 648 \times 1142

* All specifications subject to change without notice