



# **RELIABILITY Power Systems**

Outdoor UPS 500 ~ 3000VA

High Performance Rugged Design Outdoor UPS

# Outdoor UPS

500 VA ~ 3000 VA



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 a type of ideal helpmate for running these important 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





## Specifications

MODEL	500 VA	1000 VA	2000 VA	3000 VA
Capacity	300 W	600 W	1200 W	1800 W
<b>DISPLAY</b>				
Panel indicator	LED			
<b>MAINS STATES</b>				
Applications	PC, banking system, ATM, medical system			
Input voltage range	100 / 110 / 115 / 120 / 200 / 220 / 230 / 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 $\pm$ 10 Vac for 200 / 220 / 230 / 240 Vac 87 ~ 108 Vac / 96 ~ 120 Vac / 100 ~ 125 Vac / 105 ~ 130 Vac $\pm$ 10 Vac for 100 / 110 / 115 / 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 10 s			
Short circuit	Input fuse			
<b>INVERTER STATES</b>				
Inverter output voltage	100 / 110 / 115 / 120 / 200 / 220 / 230 / 240 Vac $\pm$ 5% (battery $\geq$ 11 Vdc)			
Output frequency	50 / 60 Hz $\pm$ 1% (auto-sensing)			
Output power factor	$\geq$ 0.6			
Waveform distortion	Linear load $\leq$ 5%			
Transfer time	$\leq$ 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			
<b>ALARM</b>				
Mains abnormal	1 / 4 s, be silent in 40 s			
Low battery	1 / 0.2 s			
Overload	1 / 1 s			
<b>BATTERIES</b>				
DC voltage	24 Vdc		48 Vdc	
Inner battery space	2 $\times$ 12 V 38 Ah / 120 Ah		4 $\times$ 12 V 38 Ah / 120 Ah	4 $\times$ 12 V 120 Ah
Charging current	Max. 12 A			
<b>OTHERS</b>				
Installing	Floor standing or wall-mounted			
Surge protection	Class C			
Communications	Dry contacts / RS232 / USB / SNMP (optional)			
Protection grade	IP 55			
Environmental temperature	0°C ~ 50°C			
Environmental humidity	10% ~ 95% (no cooling)			
Noise	$\leq$ 50 dB			
Weight (kg)	17.5 / 36.7		36.7	60.7
Dimensions (W $\times$ D $\times$ H) (mm)	430 $\times$ 245 $\times$ 550 / 470 $\times$ 245 $\times$ 900		470 $\times$ 245 $\times$ 900 / 470 $\times$ 460 $\times$ 900	470 $\times$ 460 $\times$ 900
Packaged dimensions (W $\times$ D $\times$ H) (mm)	500 $\times$ 335 $\times$ 636 / 540 $\times$ 330 $\times$ 980		540 $\times$ 330 $\times$ 980 / 550 $\times$ 560 $\times$ 950	550 $\times$ 560 $\times$ 950

●All specifications are subject to change without notice.

## **Reliability Power Systems Australia**

Level 17, 40 Mount St. North Sydney  
NSW 2060, Australia  
[reliability@reliability-power.com](mailto:reliability@reliability-power.com)

# **Reliability Power Systems**

## **Reliability Power Systems Canada**

4<sup>th</sup> Floor 2 County Blvd, Brampton  
ON L6W 3W8, Canada  
[reliability.ca@reliability-power.com](mailto:reliability.ca@reliability-power.com)

## **Reliability Power Systems Europe**

New Summer St, Birmingham  
West Midlands B19, UK  
[reliability.eu@reliability-power.com](mailto:reliability.eu@reliability-power.com)

## **Reliability Power Systems Asia Pacific**

5/F China Life Tower, No.16 Chaowai St.  
Chaoyang Dist, Beijing 100020, China  
[reliability.cn@reliability-power.com](mailto:reliability.cn@reliability-power.com)