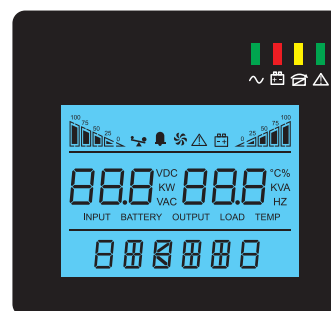
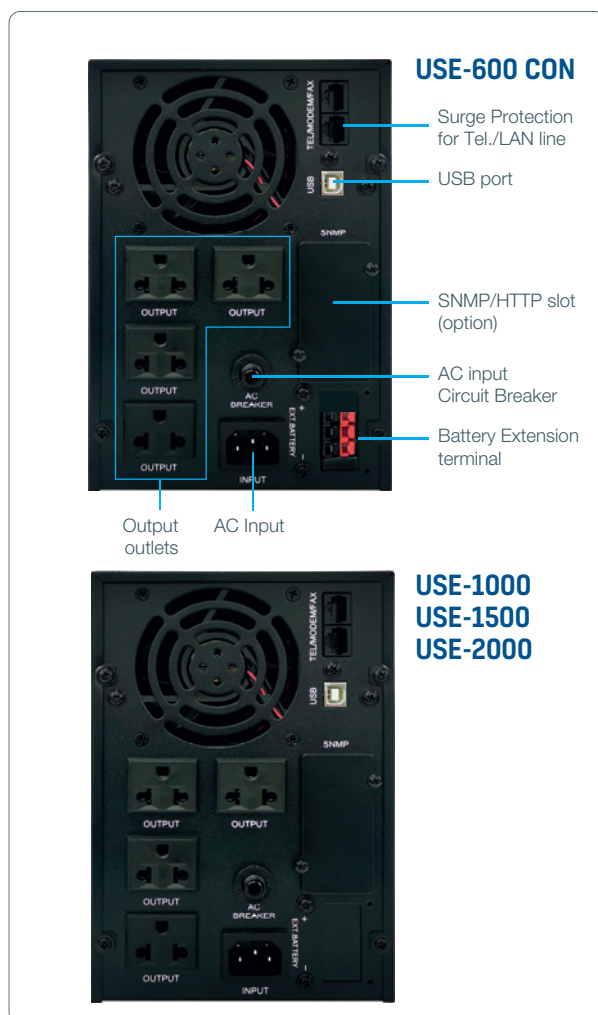


USE-series

Pure Sine Wave UPS

- Pure sine wave output
- Output power factor 0.8
- DSP digital control
- Buck and boost stabilizer
- Auto sensing input frequency and output frequency adaptive
- Adjustable charge current and battery shutdown point
- Settable ECO mode and no load shutdown
- Automatic self-test on start-up
- Cold start function

- Intelligent battery management
- Short circuit and overload protection
- Auto restart when AC is recovering
- Automatic battery charging in UPS off mode
- Surge protection for telephone and LAN line
- USB communication ports with UPS monitoring and management software
- SNMP/HTTP compatibility (option)
- Suitable for workstation, network computers or servers



LED indicators

- AC mode
- Inverter mode
- Bypass mode / Setting mode
- Fault

LCD display

- Input (voltage / frequency)
- Output (voltage / frequency)
- Load (Watt / VA / level in %)
- Battery (voltage / capacity in % / level in %)
- Temperature
- Operation status
- Cooling fan status
- Battery fail status
- Fault



MODEL	USE-600 CON		USE-1000	USE-1500	USE-2000
Capacity (Pf = 0.8)	600 VA / 480 W		1000 VA / 800 W	1500 VA / 1200 W	2000 VA / 1600 W
INPUT					
Voltage	220 Vac (single phase) ± 25%				
Frequency	50 / 60 Hz ± 10% (auto sensing)				
OUTPUT					
Voltage on battery mode	220 Vac (single phase) ± 5%				
Voltage range on AVR mode	188 - 245 Vac				
Frequency	50 / 60 Hz ± 0.3 Hz (settable) ⁽¹⁾				
Wave form	Pure sine wave				
Total harmonic distortion	≤ 5% at linear load				
Overload capability	110% for 120 sec, 125% for 60 sec, 150% for 10 sec transfer to bypass mode (AC mode) 110% for 60 sec, 120% for 10 sec, 150% for 5 sec then shutdown automatically (Inverter mode)				
Transfer time	≤ 8 msec				
Protection	Overload, short circuit (inverter), battery low voltage, battery over charge, battery over discharge, over temperature				
ECO mode	⁽¹⁾ Settable (< 3% load) to enter after 80 sec				
No load shutdown	⁽¹⁾ Settable (< 3% load) shutdown after 80 sec				
BATTERY					
Type	Sealed lead acid (maintenance -free) rechargeable				
DC voltage	24 V	24 V	24 V	36 V	
Number x Capacity	External battery	2 x 12 V 7 Ah	2 x 12 V 9 Ah	3 x 12 V 9 Ah	
Backup time	Depending on connected loads				
Continuous recharging time	8 hours recover to 90% capacity				
Charging current	1 A				
End of discharge voltage	Single battery 10.2 Vdc (default), 9.6 - 11.5 Vdc adjustable				
INDICATOR					
LED	AC mode, Battery mode, Bypass mode / Setting mode, Fault				
LCD display	Input (voltage / frequency), Output (voltage / frequency), Load (Watt / VA / level in %), Battery (voltage / capacity in % / level in %), Temperature, Operation status, Cooling fan status, Battery fail status, Fault				
AUDIBLE ALARM					
Battery mode	Audible beep every 5 sec, be silent after 60 sec				
Low battery voltage	Audible beep every 0.16 sec (quick beep)				
Overload	Audible beep 2 sec in 0.5 sec interval (long beep)				
CONNECTION					
input	Power cord TIS 166-2549				
Number of output outlets	4				
RJ45 port	Surge protection for telephone and LAN line				
COMMUNICATIONS INTERFACE					
USB port	an USB port using with UPS monitoring and management software ⁽²⁾				
SNMP / HTTP capability	Optional				
ENVIRONMENTAL					
Ambient operation	0 to + 40°C, 10 - 90% Relative humidity (non-condensing)				
Audible noise	≤ 50 dBA at 1 metre				
PHYSICAL					
Dimension (W x H x D) in cm	14 x 21.5 x 34.5 cm				14 x 21.5 x 41 cm
Net weight (approximate in kg)	8.5 kg (no battery)	12.5 kg	14.5 kg	17.6 kg	
Shipping weight (approximate in kg)	9.5 kg (no battery)	14 kg	16 kg	19 kg	

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

⁽¹⁾ These settable values must be performed by the manufacturer or qualified technician only. Please inform us before purchasing an order.

⁽²⁾ UPS monitoring and management software capable to work with these OS below.

- Windows 98 / Me
- Windows 2000 / XP / 7 / 10 / 11
- Windows Server 2003 / 2008 / 2012
- Linux (32/64)

Authorized Distributor

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