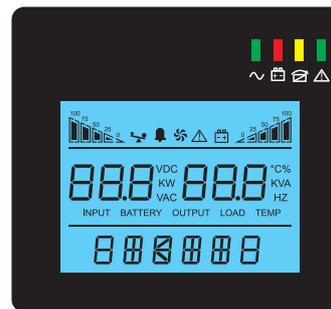
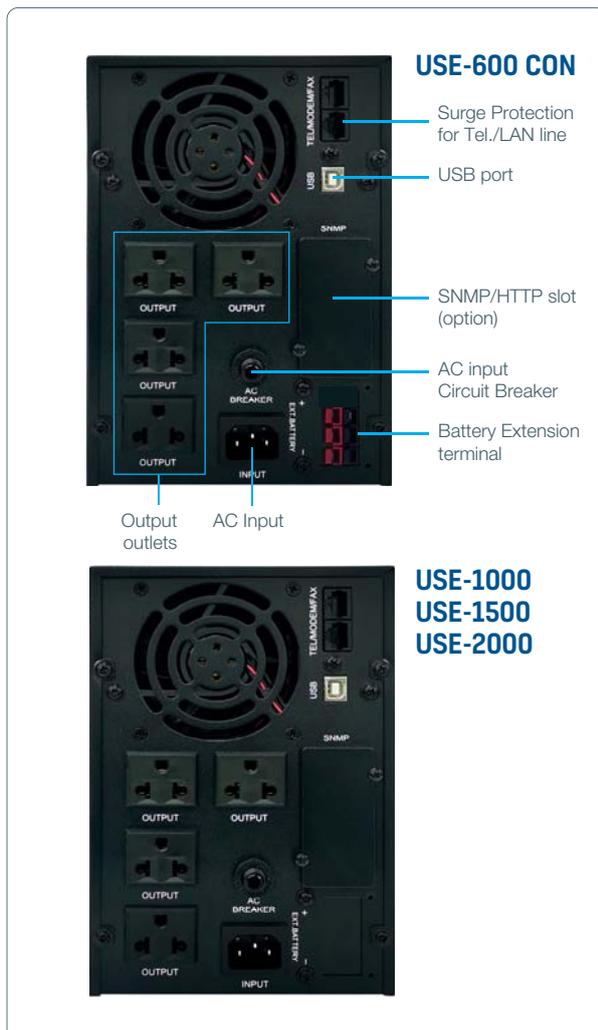


USE-series

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



MASCI
ISO 9001 QMS01098/349
ISO 14001 EMS01007/045
ISO 45001 OHSMS2002/1105



NSC-TIS-TIS 17021
QMS 002 / EMS 002 /
OHSMS 001



TIS 1291 Part 1-2553
TIS 1291 Part 2-2553
TIS 1291 Part 3-2555
LEONICS CO., LTD.

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, 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			
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 / 8
- Windows Server 2003 / 2008 / 2012
- Linux (32/64)

Authorized Dealer: