

SL-5000

5000VA / 4000W

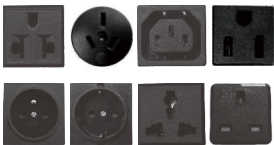
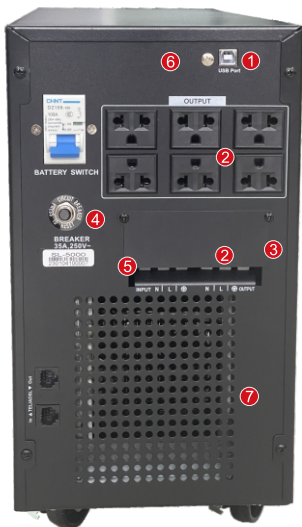


Features

- Pure sine wave output
- DSP digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Adjustable charging current and battery shutdown point
- Settable ECO mode and no-load shutdown
- Humanized alarm system
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Intelligent battery management
- Short circuit and overload protection
- Automatic charging in OFF mode
- USB & RJ45, AS400 / SNMP (optional) communication port

Rear Panel

1. USB / RJ45
2. Output Outlets
3. EXT Battery (optional)
4. AC Breaker
5. Input
6. SNMP (optional)
7. Fan



Optional outlets

Specifications

MODEL		SL-5000
Capacity		5000 VA / 4000 W
DC INPUT		
Rated voltage		48 V
DC input range (default)		40 ~ 60 V
AC INPUT		
AC input range (bypass mode)		0 ~ 264 Vac for 220 V ± 10 Vac
AC input range (mains mode)		145 ~ 275 Vac for 220 V ± 10 Vac
Frequency input range		50 Hz / 60 Hz (auto-sense), 50 Hz / 60 Hz ± 5% ~ 15%
Generator connection		Available (generator input power is settable)
OUTPUT		
Inverter output range		220 Vac ± 5 %
AC output range (bypass mode)		0 ~ 264 Vac for 220 V ± 10 Vac
AC output range (mains mode)		188 ~ 245 Vac
Output frequency		50 / 60 Hz ± 0.5 Hz
Waveform		Pure sine wave
Inverter efficiency		Max. 85%
Energy saving mode		Settable (< 3% load) , enter in 80 s
No-load shutdown		Settable (< 3% load), shut down in 80 s
Transfer time		≤ 10 ms
THDV (resistive load)		≤ 5%
Protections		Overload, short circuit (inverter), battery low voltage, battery overcharge, overtemperature
Overload (mains mode)		110% for 120 s, 125% for 60 s, 150% for 10 s (transfer to bypass mode)
Overload (inverter mode)		110% for 60 s, 120% for 5 s (shut down directly)
Mute		Automatic mute in 60 s or by manual
BATTERIES		
Inbuilt battery (standard model)		12 V / 17 Ah x 4
Charging current		Standard model (S): 1 A (default)
		Set (L): 5 A ; (S): 1 A
		Max. 5 A
Equalizing charge voltage		Single battery 14.1 Vdc (default), 13.6 ~ 15 Vdc adjustable
Floating charge voltage		Single battery 13.5 Vdc (default), 13.2 ~ 14.6 Vdc adjustable
Low voltage alarm point		Single battery 10.8 Vdc (default), 9.6 ~ 13 Vdc adjustable
Low voltage shutdown point		Single battery 10.2 Vdc (default), 9.6 ~ 11.5 Vdc adjustable
OTHERS		
Communications		USB (standard), dry contacts / SNMP (optional)
Operating temperature		0 ~ 40°C
Operating humidity		20 % ~ 90 %
Noise level		≤ 40 dB (1 m)
Tower	Dimensions (W × D × H) (mm)	192 x 330 x 590
	Packaged dimensions (W × D × H) (mm)	220 x 376 x 660
	Net weight (kg)	49.0
	Gross weight (kg)	51.7

Product specifications are subject to change without notice.