

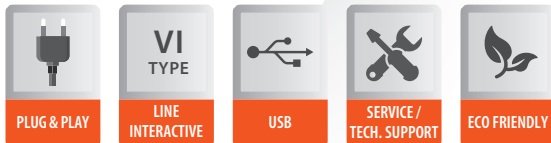
## LEO+

650-2200VA

LED/LCD Display Option

Microprocessor Control

Compact Size



## GENERAL SPECIFICATIONS

- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Power-on self test
- Cold start
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Auto restart when mains power is restored
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- Optional RS232 / USB communication port and RJ11 / RJ45 protection
- Unattended safety shutdown: system alarm and auto Power-On / Off by RS232 or USB interface communicating with PC

## TECHNICAL SPECIFICATIONS

MODEL	Leo+ 650VA	Leo+ 850VA	Leo+ 1200VA	Leo+ 1500VA	Leo+ 2200VA	
Capacity	650VA / 390W	850VA / 510W	1200VA / 720W	1500VA / 900W	2200VA / 1320W	
<b>INPUT</b>						
Voltage	100 / 110 / 120 V: 80 ~ 150 Vac; 220 / 230 / 240 V: 162 ~ 295 Vac (145 ~ 295 Vac optional)					
Frequency	50 / 60 Hz ± 10% (auto-sensing)					
<b>OUTPUT</b>						
Voltage	100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%					
Frequency	50 / 60 Hz ± 1% (auto-sensing)					
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave					
Protection	Typical 8 ms, 10 ms max.					
<b>BATTERIES</b>						
DC voltage	12V		24V			
Configuration	12V/7.0Ah x 1	12V/9.0Ah x 1	12V/7.0Ah x 2	12V/9.0Ah x 2	12V/9.0Ah x 2	
Recharge time	6 ~ 8 h					
<b>OTHERS</b>						
Protections	Short circuit - battery overcharge - overdischarge - overload - surge					
Communication	USB / RJ45 Modem protect					
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)					
Noise level	≤ 45 dB (1 m)					
Plastic case	Net / Gross weight (kg)	4.3 / 4.6	5.2 / 5.5	8.6 / 9.0	10.1 / 10.5	/
	Dimensions (HxWxD) (mm)	140x100x290		170x140x345		/
	Packaged dimensions (HxWxD) (mm)	210x139x335		210x139x335		/
Metal case	Net / Gross weight (kg)	/	/	/	/	12.9 / 13.3
	Dimensions (HxWxD) (mm)	/		/		125x380x225
	Packaged dimensions (HxWxD) (mm)	/		/		180x450x295