

LEO



- 450VA/650VA/850VA/1KVA/1.5KVA/2KVA line interactive UPS
- Built-in super smart charger, shorten 50% of charging time
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Simulated sine wave output
- Off-mode charging
- Cold start function
- Optional USB/RS-232 communication port and RJ-11/RJ-45 protection
- Offering LED and LCD panels for selections

LEO 450VA/650VA/850VA/1KVA/1.5KVA/2KVA Line Interactive UPS Selection Guide

MODEL		Leo 450	Leo 650	Leo 850	Leo 1K	Leo 1.5K	Leo 2K
CAPACITY		450 VA / 240 W	650 VA / 360 W	850 VA / 480 W	1000 VA / 600 W	1500 VA / 900 W	2000 VA / 1200 W
INPUT							
Voltage		110/120 VAC or 220/230/240 VAC					
Voltage Range		81-145 VAC / 162-290 VAC					
Frequency Range		60/50 Hz (Auto sensing)					
OUTPUT							
Output Voltage		110/120 VAC or 220/230/240 VAC					
AC Voltage Regulation (Batt. Mode)		±10%					
Frequency Range (Batt. Mode)		60 Hz or 50 Hz ±1 Hz					
Transfer Time		Typical 2-6 ms, 10ms max.					
Waveform (Batt. Mode)		Simulated Sinewave					
BATTERY							
Battery Type & Number		12 V/4.5 Ah x 1	12 V/7 Ah x 1	12 V/9 Ah x 1	12 V/7 Ah x 2	12 V/9 Ah x 2	12 V/9 Ah x 2
Typical Recharge Time		4-6 hours recover to 90% capacity					
PROTECTION							
Full Protection		Overload, discharge, and overcharge protection					
INDICATORS							
LCD Display		AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery					
LED Display	AC Mode	Green lighting			Green lighting	The right green LED lighting & the 2nd to 5th green LEDs gradually lighting indicating load level	
	Battery Mode	Green flashing			Yellow flashing	The right green LED flashing & the 2nd to 5th green gradually lighting indicating battery capacity	
	Fault	N/A			Red lighting		
ALARM							
Battery Mode		Sounding every 10 seconds					
Low Battery		Sounding every second					
Overload		Sounding every 0.5 second					
Battery Replacement Alarm		Sounding every 2 seconds					
Fault		Continuously sounding					
PHYSICAL							
Dimension, D x W x H (mm)		287 x 100 x 142			350 x 146 x 160	397 x 146 x 205	
Net Weight (kgs)		3.55	4.25	4.9	8.0	11.1	11.5
ENVIRONMENT							
Humidity		0-90 % RH @ 0- 40°C (Non-condensing)					
Noise Level		Less than 40dB					
MANAGEMENT							
Optional USB/RS-232 Port		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC					

Product specifications are subject to change without further notice