







- ✓ Pure Sinewave
- ✓ AVR Boost and Buck
- ✓ Pure Sine Wave Output
- ✓ Output Power Factor 0.6
- ✓ LED Panel
- ✓ Advanced Battery Management
- ✓ Nearly Zero Transfer Time
- ✓ 97% High Efficiency in Normal Mode
- ✓ Easy Swappable Battery
- ✓ USB Communication Interface
- ✓ Cold Start

Model	LEO ULTRA 1000	LEO ULTRA 1500	LEO ULTRA 2000	LEO ULTRA 3000
Capacity	1000 VA / 600 W	1500 VA / 900 W	2000 VA / 1200 W	3000 VA / 1800 W
INPUT				
Nominal Voltage	230 ±25% (DIP Switch Selectable)			
Frequency Range	50/60 ±5Hz (Auto Sensing)			
OUTPUT				
Output Voltage	AC Mode: Increase 15% (input -9%~-25%), Decrease 15% (input +9~+25%) Inverter Mode: 110/115/120/220/230/240 +3%~-10%			
Output Frequency	50/60Hz ±0.5Hz (Inverter Mode)			
Transfer Time (AC to DC)	2-6ms Typical			
Waveform	Pure Sinewave			
DISPLAY				
LED Panel (2 Buttons)	Utility Normal, Backup, UPS Fault and Battery's conditions			
BATTERIES				
Sort	Lead acid. Waterproof, prevent leaks, do not require maintenance.			
Battery Type & Number	12V/7Ah x 2	12V/9Ah x 2	12V/7Ah x 4	12V/9Ah x 4
Rated Battery Voltage	24Vdc		48Vdc	
Typical Recharge Time	2-4 hours recover to 90% capacity			
CURRENT OUTPUTS				
Sockets	1 Schuko  & 2 IEC 		1 Schuko  & 3 IEC 	
PHYSICAL				
Dimension, WxDxH (mm)	173 x 369 x 247		173 x 427 x 247	
Net Weight (kg)	13	15	22	24
ENVIRONMENT				
Operating Humidity & Temperature	0-90 % RH @ 0- 40°C (non-condensing)			
Noise Level	Less than 50dB @ 1m			
MANAGEMENT				
USB port	Supports: Windows® 2000/XP/Vista/7/8/10, Linux, Unix, Mac OS			