

# LEO SERIES

Uninterruptible Power Supplies

Tescom Leo series are, Line-interactive UPS Systems manufactured with the state of the art, IGBT technology, producing microprocessor controlled simulated sinewave output to critical loads.



## General Specifications

- 450VA/600VA/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



## Technical Specifications

MODEL	Leo 450	Leo 600	Leo 850	Leo 1K	Leo 1.5K	Leo 2K
CAPACITY	450 VA/240 W	600 VA/360 W	850 VA/480 W	1000 VA/600 W	1500 VA/900 W	2000 VA/1200 W
<b>INPUT</b>						
Voltage	110/120 VAC or 220/230/240 VAC					
Voltage Range	81-145 VAC / 162-290 VAC					
Frequency Range	60/50 Hz (Auto sensing)					
<b>OUTPUT</b>						
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, 10 ms max.					
Waveform (Batt. Mode)	Simulated Sinewave					
<b>BATTERY</b>						
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					
<b>PROTECTION</b>						
Full Protection	Overload, discharge, and overcharge protection					
<b>INDICATORS</b>						
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
<b>ALARM</b>						
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					
<b>PHYSICAL</b>						
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
<b>ENVIRONMENT</b>						
Humidity	0-90 % RH @ 0-40 C (Non-condensing)					
Noise Level	Less than 40dB					
<b>MANAGEMENT</b>						
Optional USB/RS-232 Port	Supports Windows 2000/2003/XP/Vista/2008, Windows 7, Linux, Unix and Mac					