

# 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
- 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

## 450/650/850/1K/1.5K/2K LINE INTERACTIVE UPS SELECTION GUIDE

MODEL	450	650	850	1K	1.5K	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
<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>						
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 Sine Wave					
<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>INDICATORS</b>						
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery					
<b>PROTECTION</b>						
Full Protection	Overload, discharge, and overcharge protection					
<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>OPERATING 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® 98/2000/2003/XP/Vista/2008					

\* Product specifications are subject to change without further notice