

Lion+ Series

LINE INTERACTIVE UPS
650-2000VA

Personal Computers,
Workstation, Printer



- 1 UPS Outlet
- 2 AC Input
- 3 Breaker
- 4 RJ45 LAN/Modem/Phone Line Protection
- 5 USB
- 6 Fan



- LED Display
- Microprocessor-Based Digital Control
- Automatic Voltage Stabilization
- Automatic Breaker
- Frequency Adaptive
- User Friend Alarm System
- Cold Start
- Auto Restart While AC is Recovering
- Simulated Sine Wave Output
- Intelligent Battery Management
- Short Circuit and Over Discharged Protection
- Automatically Charging Battery at UPS Off Mode
- Shut Down When No Load Connected at Battery Mode
- USB Communication and RJ11/RJ45 Protection

650VA • 850VA • 1000VA • 1500VA • 2000VA

MODEL						
Capacity		650VA/390W	850VA/510W	1000VA/600W	1500VA/900W	2000VA/1200W
INPUT						
Rated Voltage		220V / 230V / 240VAC				
Voltage Range		162-290VAC ± 7%				
Frequency Range		50/60 Hz ±10%				
OUTPUT						
Rated Voltage		220V / 230V / 240 VAC				
Voltage Precision		±10% (Battery Mode)				
Frequency	AC Mode	Same as Mains				
	Battery Mode	50-60 Hz ±1%				
Waveform		Modified Sine Wave				
Crest Factor		3:1				
Transfer Time		2~6 ms, 10 ms Max.		4~8 ms, 10 ms Max.		
Overload	Şebeke Modu	110%+20%/-10%; shutdown after 5 minutes and go to fault mode for all model.				
		120%+20%/-10%; shutdown immediately and go to fault mode for 1B model				
		120%+20%/-10%; shutdown after 8 sec and go to fault mode for 2B model				
	Akü Modu	110%+20%/-10%; shutdown after 5 seconds 120%+20%/-10%; shutdown immediately				
EFFICIENCY						
Inverter Mode		Line Mode: >%95, AVR Mode: >%88				
Battery Mode		>60%				
BATTERY						
Battery Configuration		12V/7AH*1	12V/9AH*1	12V/7AH*2	12V/9AH*2	12V/9AH*2
Charge Current		About 1A at normal mode				
Recharge/Charging Time		6 hours to 90% at normal mode after complete discharge (Load>50%)				
Backup Time		~16 min.	~20 min.	~30 min.	~50 min.	~50 min.
PROTECTION						
Full Protection		Discharge, overcharge, overload protection		Discharge, overcharge, overload, short circuit protection		
INDICATION						
AC Mode		Green LED lighting		Green LED lighting		
Battery Mode		Green LED lighting		Yellow LED lighting		
Fault		N/A		Red LED lighting		
ALARM						
Battery Mode		Sounding every 10 seconds				
Battery Low		Sounding every 1 seconds				
Overload		Sounding every 0.5 seconds				
Fault		Continuously sounding				
PHYSICAL						
Dimension (mm) WxDxH		278 x 100 x 143			365 x 139 x 195	
Packing Dimension (mm) WxDxH		332 x 142 x 225			457 x 235 x 297	
Net Weight (kg)		4,35	5,15	9,07	10,74	10,74
Gross Weight (kg)		4,55	5,35	10,2	12	12
OPERATING ENVIRONMENT						
Temperature		0~40°C				
Storage Temperature		-20 °C ~ 55 °C				
Relative Humidity		0 to 90 °C				
Audible Nose (at 1m)		≤ 40dB			≤ 45dB	
OTHER						
Communication Port		USB				
Software		Windows family/Linux/Mac				

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