



یو پی اس لاین اینتراکتیو سینوسی ۶۰۰۰VA/۳۰۰۰VA (سری شلیکان)

Sinewave Line Interactive 3000VA/6000VA UPS (Shelikan Series)

Pure sine wave output	Power-on self test
DSP digital control	Cold start
Boost and buck AVR for voltage stabilization	Auto restart when mains power is restored
Adjustable charging current and battery shutdown point	Intelligent battery management
Settable ECO mode	Short circuit and over-load management
Humanized alarm and fault system	Tolerability of the high transient current in load driving
Generator connection possibility	Software and hardware protections like back-feed
Displaying instantaneous parameters and alarms	Advanced alarm management and professional troubleshooting
Serial (USB) communication with PC for monitoring and adjusting of parameters (optional)	Protection against reversal connection of the battery cable (optional)



Model	Shelikan 3000VA	Shelikan 6000VA
Type	Long Backup Line Interactive UPS	
Capacity	3000 VA / 2400 W	6000 VA / 4200 W
Number of Phases	1	
DC INPUT		
Rated Voltage	48 V	
DC Input Range (Default)	40 – 58.4 V	
AC INPUT		
Input Voltage Range	170V ~ 270V	
Input Frequency Range	50Hz, ± 10%	
Generator Connection Possibility	Available (generator input power is settable)	
OUTPUT		
Output Voltage Range	200V~240V (Line mode) 220V ± 1% - Settable in 200V~240V (Backup mode)	
Output Frequency Range	50Hz, ± 0.01Hz (Backup mode)	
Waveform	Pure Sinewave	
Nominal Power Factor	0.8	
THDV (resistive load)	Less than 3% in linear load	
Transfer Time	10ms	
Efficiency	Minimum 98% (Line mode) 80% (backup mode & nominal load)	
ECO Mode (Energy Saving Mode)	Settable (between 1% to 4% of nominal load), Enters after 4 min.	
Protections	Against overload Against short circuit in line mode (by fuse) Against short circuit in backup mode (by fuse and software) Against Battery over-voltage and low-voltage Against impermissible battery recharging and discharging current Against battery disconnection in line mode Against failure of input relays Against output voltage out of range Against input voltage and current over-range Against input frequency out of range Against over-temperature and sensor disconnection Against frequent connecting and disconnecting of input voltage in a limited time duration Against tampering (by hardware & password)	

Model	Shelikan 3000VA	Shelikan 6000VA
Operation Time in Overload (Line mode)	20 min up to 110% 10 sec up to 130% 5 sec up to 150% Immediately Shutdown greater than 200%	10 min up to 110% 10 sec up to 130% 5 sec up to 150% Immediately Shutdown greater than 200%
Operation Time in Overload (Backup mode)	10 min up to 110% 10 sec up to 125% 5 sec up to 140% Immediately Shutdown greater than 150%	10 min up to 110% 10 sec up to 125% 30 sec up to 140% Immediately Shutdown greater than 150%
Tolerability of the high transient current in load driving	For example for driving motors less than half of nominal power or tungsten lamps with nominal power	
Muted Operation	Can be activated or de-activated manually	
Display		
LCD Display	20×4 text LCD with time-based backlight	
LED Display	4 LEDs (Green, Blue, Yellow and Red) with different operations in distinct situations	
Monitoring		
Displaying instantaneous parameters and alarms on the LCD and PC Monitor	<ul style="list-style-type: none">• Displaying instantaneous parameters including input and output voltages and currents, output powers, battery voltage and current and so on.• Displaying alarm and fault messages	
Batteries		
External Battery	Standard Model	
Number and Type of the Batteries	12V (up to 200Ah) lead Acid × 4	
Intelligent battery management in case of front items	<ul style="list-style-type: none">• Impermissible Overvoltage and undervoltage detection• Impermissible Recharge and discharge current• Low voltage• End of discharge• Battery disconnection and reversal• Charger off detection	
Charging Current	Settable between 0 to 15A (default 6A)	
Recharging Time	Depends on charging current and battery capacity	
Floating Charge Voltage	Single Battery: 13.7 V (default), 13V~13.7V adjustable	
Low Voltage Alarm Point	Single Battery: 10.5 V (default), 10.5V~11.5V adjustable	

Model	Shelikan 3000VA	Shelikan 6000VA
End of Discharge Alarm Point	Single Battery: 10.0 V (default), 10.0V~11.0V adjustable	
Advanced Alarm Management		
Advanced Alarm Management and Professional troubleshooting	Makes audio (by buzzer) and visual (on LCD and LEDs) alarms in different situations as follows: <ul style="list-style-type: none">• Backup operation• Battery voltage and current out of range• Short-circuit and overload• Output voltage out of range• Input voltage, current and frequency out of range• Charger off• Battery disconnection and reversal in Line mode• Over- temperature• Entering Eco. Mode• Back-feed connection• High-frequent changing of Line mode and Backup mode	
Optional Features		
Serial Communication	All important parameters can be set and read by using a cost-effective board based on USB serial port connecting to PC while running a user-friendly software on it.	
Protection Against Reversal Connection of the Battery Cable	By using a cost-effective board	
Environmental Conditions		
Working Temperature	0 ~ 40 °C	
Storage Temperature	-20 ~ 70 °C	
Relative Humidity	95 ~ 0% (non-condense)	
Audio Noise Level	Less than 50dB (1m)	
Conditional Protection	IP20	
Others		
Dimension (cm)	W × H × D = 48 × 36 × 21	W × H × D = 25 × 54 × 59
Weight (kg)	32	32