



یو پی اس لاین اینتراکتیو سینوسی ۳۰۰۰ ولت آمپر (سری شلیکان) Sinewave Line Interactive 3000VA UPS (Shelikan Series)

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



Model	شلیکان Shelikan	مدل
Type	Long Backup Line Interactive UPS	نوع
Capacity	3000 VA / 2400 W	ظرفیت
Number of Phases	1	تعداد فازها
DC INPUT		
Rated Voltage	48 V	ولتاژ نامی
DC Input Range (Default)	40 – 58.4 V	محدوده ولتاژ DC (پیش فرض)
AC INPUT		
Input Voltage Range	170V ~ 270V	محدوده ولتاژ ورودی
Input Frequency Range	50Hz, ± 10%	محدوده فرکانس ورودی
Generator Connection Possibility	Available (generator input power is settable)	قابلیت اتصال به ژنراتور
OUTPUT		
Output Voltage Range	200V~240V (Line mode) 220V ± 1% - Settable in 200V~240V (Backup mode)	محدوده ولتاژ
Output Frequency Range	50Hz, ± 0.01Hz (Backup mode)	محدوده فرکانس
Waveform	Pure Sinewave	شکل موج
Nominal Power Factor	0.8	ضریب قدرت نامی
THDV (resistive load)	Less than 3% in linear load	اعوجاج هارمونیک کلی در ولتاژ
Transfer Time	≤ 10ms	زمان انتقال
Efficiency	Minimum 98% (Line mode) 80% (backup mode & nominal load)	راندمان دستگاه
ECO Mode (Energy Saving Mode)	Settable (between 1% to 4% of nominal load), Enters after 4 min.	مود اقتصادی یا صرفه جوئی در انرژی
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)	حفاظت ها

Model	شلیکان Shelikan	مدل
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%	زمان کارکرد در حالت اضافه بار (در حالت وجود برق)
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%	زمان کارکرد در حالت اضافه بار (در حالت بی برقی)
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	قابلیت تحمل جریان گذرای بالا در راه اندازی بار
Muted Operation	Can be activated or de-activated manually	قابلیت بی صدا کردن buzzer
Display		
LCD Display	4×20 text LCD with time-based backlight	نمایشگر LCD
LED Display	4 LEDs (Green, Blue, Yellow and Red) with different operations in distinct situations	نمایشگر LED
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 	امکان نمایش پارامترهای لحظه ای و آلام ها بر روی LCD و نمایشگر PC
Batteries		
External Battery	Standard Model	باتری خارجی
Number and Type of the Batteries	12V (up to 200Ah) lead Acid × 4	تعداد و نوع باتری ها
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 	مدیریت هوشمند باتری در موارد مقابل
Charging Current	Settable between 0 to 15A (default 6A)	جریان شارژ
Recharging Time	Depends on charging current and battery capacity	زمان شارژ مجدد
Floating Charge Voltage	Single Battery: 13.7 V (default), 13V~13.7V adjustable	ولتاژ شارژ شناور
Low Voltage Alarm Point	Single Battery: 10.5 V (default), 10.5V~11.5V adjustable	نقطه آلام ولتاژ پایین

Model	شلیکان Shelikan	مدل
End of Discharge Alarm Point	Single Battery: 10.0 V (default), 10.0V~11.0V adjustable	نقطه آلام ولتاژ انتهای دشارژ
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 	مدیریت پیشرفته در اعلام آلام ها و عیب یابی تخصصی
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.	ارتباط سریال
Protection Against Reversal Connection of the Battery Cable	By using a cost-effective board	حفاظت در برابر اتصال معکوس کابل باتری
Environmental Conditions		
Working Temperature	0 ~ 40 °C	دمای کاری
Storage Temperature	-20 ~ 70 °C	دمای انبارش
Relative Humidity	0 ~ 95% (non-condense)	رطوبت نسبی
Audio Noise Level	Less than 50dB (1m)	سطح نویز صوتی
Conditional Protection	IP20	حفاظت محیطی
Others		
Dimension	W × H × D = 21 × 36 × 48	ابعاد (cm)
Weight	32	وزن (kg)