

Online UPS (PantekURJA)

Shark Series

100 KVA
1 Phase Out

**ISOLATION
TRANSFORMER**
advantage of
NOISE REJECTION



Features:

- True On-Line, Double-Conversion
- Output inbuilt isolation transformation
- Wide Input Voltage Range
- User-friendly digital LCD display
- Cold start function
- Advanced Battery Management
- High Crest Factor Circuit Design
- Improved input power factor
- A wide input frequency range ensures all types of generators are compatible.
- optimization of high-performance battery.
- Advanced floating switching and charging Technology maximize the activation of the battery, thus saving the charging time and extending the battery life.
- Battery cold start function.
- The UPS can be started directly by the battery group when no utility access meets the emergency needs of the user.
- Comprehensive and reliable protection.
- Self-diagnosis function before startup, avoid the risks that the failure may lead to.
- Multi protections such as overload, short circuit, over-temperature, battery Undervoltage, battery overcharge, and So on greatly ensure the system stability and reliability.
- solar compatibility (optional)



Rear Panel



Front LCD Display



Large Battery Backup

▶ Technical Specifications

INPUT			
Voltage Range	285-470Vac @ 100% Load, Three Phase (4 wire)		
Frequency Range	50Hz ± 10% Auto Sensing		
Power Factor	> 0.95		
OUTPUT			
Power (VA)	100000		
Power Factor	0.8 (Standard)		
Voltage (V)	220/230/240 ± 1%		
Frequency(Hz)	50 ± 0.1%		
Waveform	Pure Sine Wave		
THDv	THD < 3%		
Overload	125% of rated load last for 60 second, 150% of rated load last for 1 second		
Isolation Transformer	Inbuild Isolation Transformer		
BATTERY			
Battery Type	VRLA or SMF		
Battery voltage	192 Vdc / 240 Vdc / 360 Vdc		
Charger Current (Max)	1~10 Amp Standard (Higher Rating optional)		
Recharge Time	< 10 hourse to 95%		
SYSTEM FEATURES			
Display	LCD display indicating (Input voltage, out voltage, input frequency, output frequency, load capacity, battery voltage) LED indications: Mains, AC Mode, DC Mode, Low battery, overload		
Alarm	Battery low voltage, abnormal power supply, UPS failure, Overload		
Protection	Protection for battery low voltage, Overload, short circuit and over-temperature		
Noise (db)	<65 dB (1 meter)	<75 dB (1 meter)	
Efficiency	Upto 90%		
Communication Interface (Opt.)	RS232, SNMP, Dry contact (optional)		
Temperature & RH	0 ~ 40°C, 0 ~ 95%, No condensation		
Dimension(W x D x H) mm	280 x 615 x 685	350 x 650 x795	
Weight (kg.)	88 Kg	117 Kg	150 Kg

Specification are Subject to change without prior notice

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