

## Online UPS (PantekURJA)

### Shark Series

50 KVA  
1 Phase Out



#### 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)                     | 50000   |                  |        |
| 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)<br>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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