

STRONG 1-3KVA

On-line UPS

The STRONG Series is the mighty turbo in the single phase ONLINE family of uninterruptible power supplies by HELIOR. The Series provides reliable protection, to data and hardware in networks and complex computer systems from voltage fluctuations and power failure.



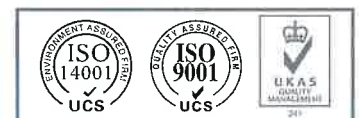
STRONG series is special design to protect the power problem for the following equipment:

- Critical network server and network equipment
- IT equipment
- Telecom equipment, VoIP equipment
- Banking and Security system
- Medical equipment
- Manufacturing/Control system
- Testing lab, sensitive equipment

STRONG series outstanding features:

- 0.9 output power factor
- 0.99 input power factor
- 0.9 overall efficiency
- True Online double conversion design to provide clean energy and best protection to all your critical equipment.
- User-friendly design of graphic LCD display and LED indicators shows clear information and easy to use.
- Rack and Tower 2 in 1 design, can be used as normal tower UPS, also can be used as rack mount type of UPS inside standard IT cabinet.
- SNMP adaptor enables network monitoring and control.

HELIOR
INSURE your SYSTEM



| Technical Specifications | | | | | | | |
|--------------------------|-------------------------------------|---|---|-----------------|---|----------------|---|
| MODEL | | ST 1KL | ST1KSL | ST2KL | ST2KSL | ST 3KL | ST3KSL |
| CAPACITY | VA/W | 1000VA/900W | | 2000VA/1800W | | 3000VA/2700W | |
| INPUT | Voltage | 115~300VAC | | | | | |
| | Frequency Range | 40Hz ~ 60Hz (Software adjustable) | | | | | |
| | Voltage Range | Single phase with ground | | | | | |
| | THDI | <5% | | | | | |
| | Power Factor | 0.99 | | | | | |
| OUTPUT | Voltage | 220/230/240VAC | | | | | |
| | Voltage Regulation | ±2% | | | | | |
| | Frequency (Synchronized Range) | 46~54Hz | | | | | |
| | Frequency Regulation (Battery Mode) | 50x(1 ±1%) Hz | | | | | |
| | Current Crest Ratio | 3:1 | | | | | |
| | Output Waveform | Pure Sinewave | | | | | |
| | Efficiency | 0.9 (P.F.: 0.7/ 0.8/0.9/ 1.0 software adjustable) | | | | | |
| BATTERY | Numbers of Batteries | 3 | Dependent on the capacity of external batteries | 6 | Dependent on the capacity of external batteries | 8 | Dependent on the capacity of external batteries |
| | Backup Time (Full Load) | > 4 minutes | | > 4 minutes | | > 4 minutes | |
| | Recharge Time | 5 hours to 90% | | 5 hours to 90% | | 5 hours to 90% | |
| TRANSFER TIME | AC to DC | 0ms | | | | | |
| INDICATOR | Status | Graphic LCD + LED Indicators | | | | | |
| DIMENSION | Width (mm) | 450 | 450 | 450 | 450 | 450 | 450 |
| | Depth (mm) | 450 | 450 | 450 | 450 | 450 | 450 |
| | Height (mm) | 88 | 88 | 176 | 88 | 176 | 88 |
| WEIGHT | Net Weight(kgs) | 15 | 8 | 27 | 10 | 34 | 11 |
| ENVIRONMENT | Operating Environment | 0-40° C | | | | | |
| | Relative Humidity | <95% (NON-CONDENSING) | | | | | |
| | Noise Level | <45dB @ 1 Meter | | <50dB @ 1 Meter | | | |
| INTERFACE | Smart RS-232 | Winpower-XP | | | | | |
| | SNMP (option) | Power management from SNMP management and web browser | | | | | |

* S Series represent extended backup models

* Product specifications are subject to change without further notice

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