



SH911 Series

5-10kva Online UPS

More Than Power Backup – It's Power Assurance.

RAPSTECH[®]

SH911 Series

5-10kva Online UPS



Active Boost PFC Converter

- Active Green SH 911 Series is a double conversion single phase input-single phase output with active input power factor correction.

SNMP

- Remote Management
- Event logging
- Self Test

DSP CONTROLLED

- IGBT Inverter
- Isolation Transformer
- Mains Synchronised
- Static Bypass



Technology

- DSP technology
- IGBT Based Rectifier and Inverter



Topology

- Active boost topology
- the highest reliable converter topology



Interface

- SNMP Compatible



User-friendly LCD Display

- True RMS reading | Fault Condition
- Status display | Event Logging

Specially Designed for Sensitive Loads, AG SH911 Series Provides.

- The UPS is utility friendly and generator compatible and prevents the overrating of electrical wires, reduce reflected harmonics back to the source.
- Comprehensive power protection from lightning, ground noise, polluted neutral and ground drifts using galvanic isolation between input and output.
- Apart from providing backup on power failure a good UPS should also act as a good power conditioner and this is what SH 911 does by providing international levels of voltage and frequency stabilization.
- Hot swappable battery option enables the faulty batteries to be replaced, even as the UPS continues to power the loads.

Boosts UPS uptime by 35% and cuts service provider costs by 35%.

- Constant Frequency source
- Premium Quality Galvaically isolated Power
- Power Factor Corrector

- Reduces the breakdown of connected equipment by providing.
- Premium quality of power of constant voltage and frequency.



GSM based SMS pre-trip alert for Initiating necessary preventive action.

Remote UPS Power & Battery Health Monitoring using GSM and SNMP.

- Cost of service and downtime reduces by 35%-40% leading to improved productivity and improved profit margins.

Model	SH911 - 5 KL	SH911 - 6 KL	SH911 - 10 KL
	5 kVA	6 kVA	10 kVA
Phase	1 Phase Input / 1 Phase Output		
Voltage	230VAC		
Voltage Range	170VAC – 270VAC		
Frequency	50Hz ± 10%		
Power Factor	≥ 0.99 on full load		
Nominal Voltage	Single Phase 230VAC, Three Wire (1Ø + N + PE)		
Regulation	(±) 1%		
Rated Power Factor	DELETE ROW		
Frequency	50 Hz ± 0.1Hz Unsync Mode		
Waveform	True Sinewave		
Total Harmonic Distortion	Linear Load: < 2%, Non-Linear Load: < 4%		
Over Load Capacity	100%: Continuous 125%: 1 Minute 150%: 10 Seconds		
Crest Factor	3:1 (Max)		
Isolation	True Online with complete galvanic isolation for comprehensive power protection		
DC BUS	192 Vdc		
Charging Current	10A		
Number of Batteries	16 Nos		
Protection	Inverter Protection: Advanced Electronic Protection for device safety backed up with MCB's/MCCBs & fast acting fuses; high-speed pulse-by-pulse electronic device protection; over-voltage/under-voltage protection; electronic over-current trip with reset; over-temperature, overload, battery low, short circuit; high voltage transient protection & ESD protection as per IEC 62040-2		
Communications	SNMP, GSM Based SMS Alert, RMP (Optional)		
Bypass	Static Bypass (Provided)		
LED Indications	Input Voltage, Output Voltage, Load Percentage, Output Frequency, Battery Voltage		
PHYSICAL	5 kVA	6 kVA	10 kVA
Dimension (W*D*H)mm	210 × 550 × 550	210 × 550 × 550	270 × 650 × 670
Net Weight (kg)	50	50	84

*Product specifications are subject to change without further notice.