SH 911
5-10kVA
Online UPS

RAPSTECH™

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

Interface
SNMP Compatible

Topology
Active boost topology
the highest reliable converter topology

User-friendly LCD Display
True RMS reading | Fault Condition
Status display | Event Logging

Specially Designed for Sensitive Loads, AG SH 911 Series Provides

- The UPS is utility friendly and generator compatible and prevents the overrating of electrical wires, reduce reflected harmonies back to the source.
- 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.
- Comprehensive power protection from lightning, ground noise, polluted neutral and ground drifts using galvanic isolation between input and output.
- Hot swappable battery option enables the faulty batteries to be replaced, even as the UPS continues to power the loads.

Improves uptime of the UPS by 35%, Reduces service cost of the service provider by 35%

Ideal Power-Conditioner

► 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.

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

GSM based SMS pre-trip alert for initiating necessary preventive action

Remote UPS power & battery health monitoring using GSM and SNMP

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Technical Specifications: SH 911

Model		SH 911 - 5kVA	SH 911 - 6kVA	SH 911 -10kVA
Phase		1 Phase Input / 1 Phase Output		
Capacity		5000 VA / 4000 W	6000 VA / 4800 W	10000 VA / 8000 W
Input				
Input Voltage		230VAC, 1Ø		
Input Voltage Range		170VAC - 270VAC		
Input Frequency		50Hz ± 10%		
Input Power Factor	100% load	≥ 0.99 on full load		
Output				
Nominal Voltage		Single Phase 230VAC, Three Wire (1Ø + N + PE)		
Regulation		(±) 1%		
Frequency		50 Hz ± 0.1Hz Unsync Mode		
Waveform		True Sinewave		
Total Harmonic Distortion	Linear Load	< 2%		
	Non Linear Load	< 4%		
Transient Response		Remains within +/- 5% & recover to normal within 20 msec		
Over Load Capacity	100%	Continuous		
	125%	1 Minute		
	150%	10 Seconds		
Crest Factor		3 : 1		
Isolation	Inbuilt	True Online with complete galvanic isolation for comperhensive power protection		
Battery				
Number of Batteries		10	16	16
DC BUS		120 Vdc	192 Vdc	192 Vdc
Charging Current		10A		
System				
Protection		*Inverter Protection Advanced Electronic Protection for device safety backed up with MCB's/ MCCBs & fast acting fuses, *High speed pulse by pulseelectronic device protection *Over voltage /under voltage *Electronic over current trip with reset. *Over Temperature, Over Load, 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)		
LCD Display Shows the following Parameters		• Input Voltage • Output Voltage • Load Percentage • Output Frequency • Battery Voltage		
Physical				
Dimensions (W X D X H) (mm)		210 W X 550 H X 550 D	210 W X 550 H X 550 D	270 W X 670 H X 650 D
Net Weight (kg)		50 Kg	50 Kg	84 Kg

*** All specifications subject to change without notice**

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