

UPS 5KVA to 10KVA

RPOI-50S;5 KVA with isolation and 16 Internal batteries

Overview

RPOI 50S is a technological marvel with largest Input Voltage window (160V to 300V) in the market. Isolation transformer at output ensures that the load is completely protected from any line disturbances and distortions.

Internal 16 SMF batteries of 7AH with castor wheels under the UPS, make it a Self contained unit with easy mobility. Easy to install, provides protection to the load from all vagaries of power.



Features

- » True Online double conversion Microprocessor controlled UPS
- » Pure Sine wave output
- » Single phase input and Single phase output
- » IGBT based, high frequency, PWM technology
- » Wide Input Voltage range (160 to 300V)
- » Excellent output regulation from No Load to Full Load
- » Internal 16 no 7AH Sealed Maintenance free batteries
- » Optional High capacity charger for fast battery charging
- » High efficiency
- » Output Isolation Transformer for complete protection
- » LCD display for all operating parameters including event data memory for current and past operations
- » Overload and short circuit protection
- » Generator compatible

Specification

Rating		5 KVA
Model		RPOI 50S
Series		RPOI Series
Technology		PWM IGBT with Microprocessor control
Input	Voltage Range	160-300 VAC
	Phase	Single
	Power Factor	>0.98
Output	Voltage Regulation	230Vac +/- 1%
	Frequency	50 Hz +/- 0.1% (On Battery)
	Waveform	Pure Sine Wave
	Total Harmonic Distortion	<3 % with Linear Load ; < 5% on Computer Load
	Power Factor	0.8
	Crest Factor	> 3:1
	Over load Capacity	>120% for 1 Min., >150% for 1 Sec
	Efficiency	Overall efficiency >90% , Inverter Efficiency >95%
Battery	DC Voltage	192 VDC
	Type	Sealed Maintenance Free Lead Acid
	90% Recharge Time	3 to 4 hours
	Capacity (AH)	7AH X 16
	Maximum Charging Current	1.5A
Display	LED	Mains, Inverter, Bypass, Battery status, Fault status, Load status
Environmental Parameters	Operating Temperature	0-45 Deg C
	Relative Humidity	0-95% (Non-Condensing)
	Acoustic Noise	< 45 dB (1 Meter)

	Level	
User Interface	Communication Port	RS 232 or DB9
	SNMP adaptor	Optional
	Operating System	Window 98/NT/2000/Me/XP/2003/Novell NetWare
Physical	Dimensions WXD _X H (In mm)	230X624X639
	Weight (Kg)	104
Protections		Overload, Short Circuit, Noise Control, Battery Low/High, Output abnormality,
Alarms		Mains Failure, Battery Low, overload, UPS Fault

Applications

With inbuilt batteries and Isolation Transformer a powerful system for complete protection and uninterrupted power supply for critical loads like Servers, Video equipment, medical equipment and IT setup.

Ordering Information :
RPOI 50S Online UPS