

UPS 5KVA to 10KVA

RPOI-50L;5 KVA with isolation and 16 External batteries

Overview

RPOI 50L 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.

External SMF batteries of higher ratings can be connected to suit any requirement. 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
- » External 16 no Sealed Maintenance free batteries of 17/26/42/65/100 AH rating for large backup
- » High efficiency
- » Output Isolation Transformer for complete protection
- » LCD display for with 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 50L
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	192VDC
	Type	Sealed Maintenance Free Lead Acid
	90% Recharge Time	3 to 4 hours
	Capacity (AH)	17/26/42/65/100AH
	Maximum Charging Current	5-10Amps(Adjustable)
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)	230X624X560
	Weight (Kg)	75
Protections		Overload, Short Circuit, Noise Control, Battery Low/High, Output abnormality,
Alarms		Mains Failure, Battery Low, overload, UPS Fault

Applications

With the output isolation transformer and high input voltage range, RPOI50L finds use in critical applications like Medical equipment, IT and Telecom.

Ordering Information :
RPOI 50L Online UPS