

UPS 1KVA to 3KVA

RPO-30L;3 KVA with 8 External batteries

Overview

RPO 30L is a compact Online UPS system with freedom to have large battery backups. 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
- » No transfer time from mains to battery operation
- » IGBT based, high frequency, PWM technology
- » Wide Input Voltage range
- » Excellent output regulation from No Load to Full Load
- » External 8 no Sealed Maintenance free batteries of 17/26/42/65/100 AH rating for large backup(up to 6 hours)
- » High efficiency
- » Overload and short circuit protection
- » Generator compatible

Applications

With its compact size, small footprint and facility to add higher AH rating batteries, RPO 30L is extensively used in small and medium organizations for providing uninterrupted power to critical loads like computers, Telecom equipment etc. Finds use in Hotels and Hospitals with Servers, IT products and Medical equipment.



Specifications

Rating		3 KVA
Model		RPO 30L
Series		RPO Series
Technology		PWM IGBT with Microprocessor control
Input	Voltage Range	160-270 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	96 VDC
	Type	Sealed Maintenance Free Lead Acid
	90% Recharge Time	3 to 4 hours
	Capacity (AH)	17/26/42/65/100AH)
	Maximum Charging Current	5-10 Amps(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 Level	< 45 dB (1 Meter)
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)	185 X 500 X 328 mm
	Weight (kg)	16
Protections		Overload, Short Circuit, Noise Control, Battery Low/High, Output abnormality, Modem Interface
Alarms		Mains Failure, Battery Low, overload, UPS Fault

Ordering Information :
RPO 30L Online UPS