

## UPS 1KVA to 3KVA

### RPO-20L;2 KVA with 8 External batteries

#### Overview

**RPO 20L** 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 20L finds use in small and medium organizations where 6 to 7 computers are in use. Also useful for Servers, medical equipment and Audio/Video recordings.



## Specifications

<b>Rating</b>		2 KVA
<b>Model</b>		RPO 20L
<b>Series</b>		RPO Series
<b>Technology</b>		PWM IGBT with Microprocessor control
<b>Input</b>	Voltage Range	160-270 VAC
	Phase	Single
	Power Factor	>0.98
<b>Output</b>	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%
<b>Battery</b>	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)
<b>Display</b>	LED	Mains, Inverter, Bypass, Battery status, Fault status, Load status
<b>Environmental Parameters</b>	Operating Temperature	0-45 Deg C
	Relative Humidity	0-95% (Non-Condensing)
	Acoustic Noise Level	< 45 dB (1 Meter)
<b>User Interface</b>	Communication Port	RS 232 or DB9

	SNMP adaptor	Optional
	Operating System	Window 98/NT/2000/Me/XP/2003/Novell NetWare
<b>Physical</b>	Dimensions WDXH (In mm)	185 X 500 X 328 mm
	Weight (kg)	16
<b>Protections</b>		Overload, Short Circuit, Noise Control, Battery Low/High, Output abnormality, Modem Interface
<b>Alarms</b>		Mains Failure, Battery Low, overload, UPS Fault

**Ordering Information :**  
RPO 20L Online UPS