



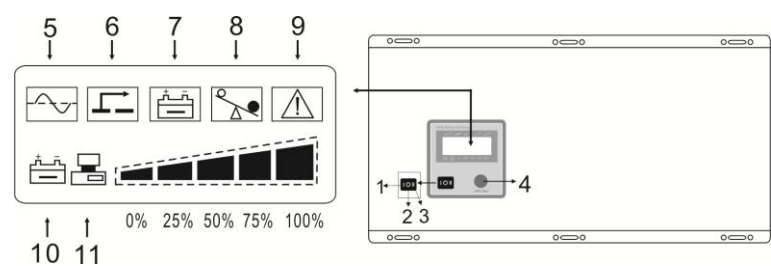
## RP-IN1000 Series

### 1000VA~3200VA Inverter / Charger

### Feature

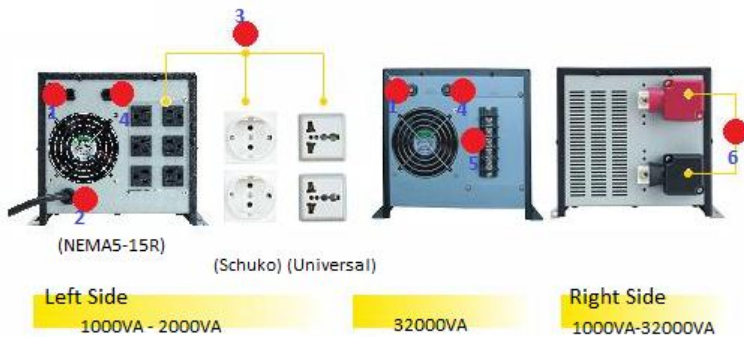
- 30Amp built in powerful smart charger for long backup time and extended battery life.
- High efficiency and low idle current to keep low operating costs.
- Quiet operation, heavy duty reliability.
- Ecologically smart and user friendly.
- Back-up, on-line, battery status, power status by LCD display.
- Short circuit and overload protection.
- Cold start (DC power on).
- Advanced battery management (ABM).
- Charging current can be adjusted by selector.

### Front Panel



1. **Power On**
2. **UPS Off**
3. **Charger Only**
4. **UPS Test Switch**
5. **Line-On: AC Normal**
6. **O-Temp.** : If the UPS is over temperature, the light will turn on and the alarm will sound continuously.
7. **Back-Up:** Battery in back-up
8. **Over Load:** If the UPS is overloaded, the light will turn on and the alarm will sound continuously
9. **UPS Cut-Off:** Overload or Cut-off
10. **Battery Level:** A bar graph showing how much of the UPS battery is being used.
11. **Load Level:** A bar graph showing how much of the UPS power is being used.

## Rear Panel



1. Input Breaker
2. AC Input
3. Outlets
4. Output Breaker
5. Terminal for Input & Output
6. Battery terminal (DC Input Connector)

## Specification

Model		RP-IN1000	RP-IN1500	RP-IN2000	RP-IN3200
Capacity		1000VA/600W	1500VA/900W	2000VA/1200W	3200VA/2000W
Input	AC Voltage	110/115/120VAC or 220/230/240VAC, 1 Phase + Neutral			
	Voltage Tolerance (AC)	90VAC~135VAC or 187VAC ~264VAC +/- 4%			
	DC Voltage	12VDC		24VDC	
	Voltage Tolerance (DC)	10VDC~14VDC		20VDC~26VDC	
	Frequency	47Hz~53Hz or 57Hz~63Hz			
Output	Voltage	110/115/120VAC or 220/230/240VAC			
	Voltage Tolerance (Batt. Mode)	+/- 7%			
	Frequency	50Hz or 60Hz			
	Frequency Tolerance	+/- 1Hz in Battery Mode			
	Transfer Time	< 10ms (Typical)			
	Voltage Waveform	Modified Sinewave			
Battery	Type	Maintenance free dry type (suggested)			
	Capacity	Up to 1000Ah			
	Battery Low Level	10.8V +/-0.2V		21V +/-0.5V	
	Battery Cut off Level	10V +/-0.2V		20V +/-0.5V	
	Battery House	External; Rack or Cabinet (Optional)			
Charger	Battery Charge Voltage	13.6VDC +/-0.2VDC		27.5VDC +/-0.3VDC	
	Charge Capacity	30A max. (Adjustable)			
	Over Charge Protection	14.5VDC +/-0.5VDC		29VDC +/-0.5VDC	
Display & Control Panel	Control Panel		Power On/Off & UPS Test button, Battery charge current adjustment		
	Indicators	Line Mode	Line-on LCD lighting		
		Battery Mode	Back-Up LCD lighting		
		Overload	O-Load LCD lighting		
		Over Temp.	O-Temp. LCD lighting		
		UPS off	Cut off LCD lighting		
		Load Level	5-step LCD lighting		
Battery Level	5-step LCD lighting				
Protection	Full Protection	Overload, Short circuit, Over charge, Over temperature, Input & Output fuse			
Environment	Audible Noise	Less than < 45dBA (at 1meter)			
	Operating Temp.	0 ~ 40 °C			

	<b>Storage Temp.</b>	-20°C ~ +70°C			
	<b>Relative Humidity</b>	Maximum 0 ~ 90%(non-condensing)			
	<b>Type of Cooling</b>	Forced with fan			
	<b>Installation Height</b>	< 3000 meters, elevation			
<b>Physical</b>	<b>Dimension(D*W*H)</b>	430*200*203mm			
	<b>Weight,w/o Battery</b>	11Kgs	14Kgs	16Kgs	20Kgs

## Ordering information

<b>RP-IN1000</b>	1000VA/600W Inverter / Charger
<b>RP-IN1500</b>	1500VA/900W Inverter / Charger
<b>RP-IN2000</b>	2000VA/1200W Inverter / Charger
<b>RP-IN3200</b>	3200VA/2000W Inverter / Charger