



## FPH900RT

1-3KVA  
1:1Phase

### Application:

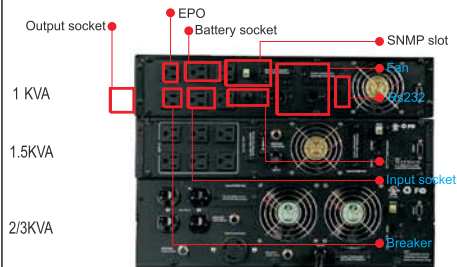
Rack mounted server and other networking equipment



### Features:

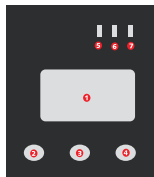
- 1.Rack and tower convertible
- 2.High Frequency and double conversion online technology
- 3.Fully digitized microprocessor control
- 4.Smart RS232 communication with monitoring software
- 5.Optional SNMP card slot
- 6.Wide input voltage range
- 7.Advanced PFC technology
- 8.Self-testing when UPS startup
- 9.Advanced battery management
- 10.Automatic battery charging in UPS off mode
- 11.Lighting and surge protection
- 12.Short circuit and overload protection
- 13.Fan speed auto control when loads varies
- 14.Network/fax/modem surge protection
- 15.Optional extension battery pack
- 16.LCD display

### Rear Panel



- 1.Advanced battery management technology, comprehensive protection, local and remote monitoring
- 2.Rack and tower convertible, with optional extension battery pack

### Control Panel



- 1.LCD
- 2.ON/OFF Button
- 3.Self-test/Silence Button
- 4.Scroll Button
- 5.Normal
- 6.Alarm
- 7.Abnormal

Model	FPH910RT	FPH915RT	FPH920RT	FPH930RT
Capacity	1KVA/700W	1.5KVA/1050W	2KVA/1400W	3KVA/2100W
Input	Voltage Range			
	loads<60%, 55±5V~138±5V; 60%<loads<70%, 60±5V~138±5V; 70%<loads<80%, 70±5V~138±5V; load>80%, 80±5V~138±5V			
	Frequency Range			
	46~54Hz(50Hz) or 56~64Hz(60Hz)			
Output	Phase			
	Single phase			
	Power Factor			
	≥0.97			
	Nominal Voltage			
	110/115/120Vac			
	Voltage Regulation			
	±2%			
	Frequency			
	AC Mode: the same as utility frequency; Battery Mode: 50/60Hz(1±0.2%)			
	Power Factor			
	0.7			
	THD (Full linear load)			
	≤5%			
THD (Full non-linear load)				
≤8%(Output:110Vac); ≤10%(Output:115/120Vac)				
Battery	Overload Capability			
	AC Mode: 108%~150%, for 30s, transfer to bypass and alarm; >150%, for more than 200ms, transfer to bypass and alarm; Battery Mode: 108%~150%, for 30s, turn off and alarm; >150%, for more than 200ms, turn off and alarm			
	Crest Factor			
	3:1(Max)			
	Short-Circuit Protection			
	Bypass Mode: the breaker trip off; AC/Battery Mode: Circuit protection, Inverter off, fault			
	Waveform			
	Pure sine wave			
	Transfer Time (Between AC Mode and Battery Mode)			
	0ms			
Transfer Time (Between AC Mode and Bypass Mode)				
Transfer time is 4ms, Typical value is 2.5ms				
Efficiency				
≥85% (AC mode); ≥83% (battery mode)				
Communication Interface	Type			
	12V sealed lead acid maintenance free battery			
	DC Voltage			
	36VDC, 48VDC, 96VDC, 96VDC			
	Battery			
	3PCS, 4PCS, 8PCS, 7.2AH/12V			
	Backup Time (half load)			
	12min, 12min, 20min, 16min			
	Backup Time (full load)			
	5min, 5min, 7min, 5min			
Charge Current (standard unit)				
1A, 1A, 1A, 1A				
Recharge Time				
8hours to 90% capacity				
LCD Indication				
RS232, SNMP (optional)				
LED Indication				
1.Green led for normal operation, 2.Yellow led for warning condition 3.Red led for abnormal operation				
Noise Level				
<45dB				
Environment	Temperature			
	0°C~40°C			
	Humidity			
	0~95%,non-condensing			
Altitude				
<1500m				
Storage Temperature				
-25°C~55°C				
Other	Standard Unit Net / Gross Weight (kg)			
	18/21, 26/29, 36/39, 37/40			
	Dimension (WxDxH) mm			
440x450x86.5, 440x650x86.5, 440x550x131				
Packing (WxDxH) mm				
580x580x207, 580x780x207, 580x680x252				