

# PRO 63RT Premium Series

6kVA to 10kVA

## Online Double Conversion UPS for critical IT environments



The **PRO 63RT Premium series** online UPS is the first UPS in its class to provide a unity power factor whereby  $VA = W$ . With an output power factor of 1.0, the PRO 63RT Premium series delivers at least 11% more power than any other UPS with equivalent VA ratings and lower power factors, thus it can power more servers and equipment.

A proven and reliable online UPS, the PRO 63RT Premium series uses double-conversion topology for continuous power conditioning. When your business and mission critical systems require runtime in hours, not minutes, the PRO 63RT Premium UPS can also be expanded with additional external battery modules to support your overall business continuity goals.

With the availability of its HID USB, RS232, SNMP and Emergency Power Off (EPO), the PRO 63RT Premium UPS integrates seamlessly into IT environments, especially for servers, switches, voices or data networks, online storage systems and other critical equipment.



# PRO 63RT Premium Series

6kVA to 10kVA

## Technical Specification of PRO 63RT Premium Series (Rack/Tower Convertible) \*

Model Number		PR63RTP6K	PR63RTP6KL	PR63RTP10K	PR63RTP10KL
Capacity		6000VA / 6000W		10000VA / 10000W	
Input					
Nominal Voltage		208 / 220 / 230 / 240Vac			
Voltage Range		110-276Vac			
Nominal Frequency		50Hz / 60Hz (Auto Sensing)			
Frequency Range		(45 to 55) / (54 to 66)Hz			
Power Factor		0.99			
Output					
Nominal Voltage (Battery mode)		208 / 220 / 230 / 240Vac			
Voltage Regulation		± 1%			
Nominal Output Frequency		50Hz / 60Hz			
Frequency Range (Battery)		±0.05Hz			
Waveform		Pure Sine Wave			
THDv		≤ 2% @ linear load, ≤ 5%@non-linear load			
Current Crest Ratio		3:1			
Transfer Time		0ms			
Overload Protection	Line Mode	105% to 125%: transfer to bypass after 10min 125% to 150%: transfer to bypass after 1min >150%: transfer to bypass immediately			
	Battery Mode	105% to 125%: shutdown after 1 min >125%: shutdown immediately			
	Bypass Mode	125% to 150%: After 1 min, alarm sounds continuously and output is cut off 150% to 170%: After 10s, alarm sounds continuously and output is cut off >170%: After 1s, alarm sounds continuously and output is cut off			
Output Connection		Standard UPS Module: 6 x C13, 4 x C19 UPS Module with parallel redundancy option: Terminal block			
Battery					
Battery Type		Maintenance Free			
Battery Voltage		240VDC			
Charging Current		1A	4A	1A	4A
Recharge Time to 90% (based on 1 battery module)		7H	Depends on External Batteries	7H	Depends on External Batteries
Efficiency					
Efficiency (Inverter Mode)		92%			
Efficiency (Battery Mode)		90%			
ECO Mode		96%			
Indicators					
Display		LCD			
Alarm		Battery Mode, Low Battery, Overload, Fault, etc.			
Interface					
RS232		Yes			
HID Compliant USB Port		Yes			
EPO		Yes			
SNMP		Optional			
Management					
Auto Recharge		Yes			
Auto Restart		Yes			
Outlet Programmable Management		Yes			
Parallel Operation (Optional)		Up to 4 units (only for UPS module with terminal block output)			
Maintenance Bypass (Optional)		Available with Power Gateway series			
Power Management Software		Yes			
Compliance					
Certification		CE			
Physical					
Dimension in mm (W x H x D)		UPS Module: 438 x 131 x 680 Battery Module: 438 x 131 x 680	UPS Module: 438 x 131 x 680	UPS Module: 438 x 131 x 680 Battery Module: 438 x 131 x 680	UPS Module: 438 x 131 x 680
Net Weight in kg		UPS Module: 17.7 Battery Module: 62.9	UPS Module: 17.7	UPS Module: 20.5 Battery Module: 62.9	UPS Module: 20.5
Environment					
Operating Humidity		0-90% non-condensing			
Operating Temperature		0-40°C			
Noise Level		<60 dB			

\* Specifications subject to change(s) without prior notification.

