

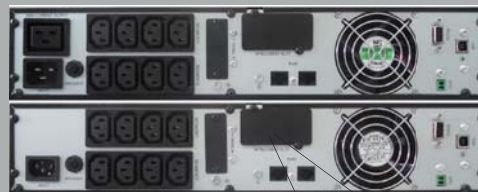
# 1 kva online RT

## Features

- Rack/Tower convertible design
- Online double conversion with full digital control
- Wide input voltage range: 110-300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Hot-Swappable battery design
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-computer interface
- Multiple communication interface: RS232 (USB/ EPO/Relay card /SNMP card)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and over discharge, output low voltage and fan fault alarm



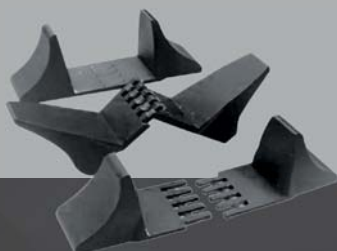
Colorful Lcd



Relay Card



SNMP



Multifunctional bracket



The LCD panel can be rotated

# 1 kva online RT

## Technical specification



<b>MODEL</b>	Titanium PETA POWER 1 KVA RT ONLINE
<b>Capacity</b>	1 KVA / 900 W
<b>INPUT</b>	
Nominal voltage	208/220/230/240Vac
Input voltage range	110-300Vac (176-280Vac @ 100% load)
Frequency range	40-70Hz (50/60Hz Auto-Sensing)
<b>Power factor</b>	≥0.99
<b>OUTPUT</b>	
Output voltage	208/220/230/240Vac
Power factor	0.9
Voltage regulation	±1%
<b>"Output frequency"</b>	"Line Mode :46-54Hz or 56-64Hz Bat. Mode :(50/60±0.1%)Hz"
Crest factor	3:1
Harmonic distortion (THDv)	"≤3% Linear load ≤5% Non linear load"
Transfer time	0ms
<b>Output waveform</b>	Pure Sinewave
<b>EFFICIENCY</b>	
<b>AC mode</b>	89%
Battery mode	85%
<b>BATTERIES</b>	
Battery number	2
Inbuilt battery	12V/9Ah X2
Charging voltage	27.4Vdc±1%
<b>Charging current (Max)</b>	1A
Recharge time	4 hours (to 90% of full capacity)
<b>INDICATORS</b>	
LCD display	Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time
<b>ALARM</b>	
Battery mode	Beeping every 4 seconds
Low Battery	Beeping every second
Overload	Beeping twice every second
Fault	Continuously beeping
<b>ENVIRONMENT</b>	
Operating temperature	0 -40
Storage temperature	-25 -55
Humidity range	20-95%RH @ 0-40 (Non condensing)
Altitude	<1500m,derating required when>1500m
Noise level	<50dB at 1 Meter
<b>STANDARDS</b>	
Safety	IEC/EN62040-1,IEC/EN62477-1
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8
<b>PHYSICAL</b>	
Dimension W x D×H (mm)	440X325X86.5
Net weight (kg)	11.3

"Specifications are subject to change without prior notice."