

PETA POWER

2 KVA ONLINE

Features

- High power density
- 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
- Cold start
- Intelligent fan speed regulation
- Versatile LCD human-computer interface
- Multiple communication interface: RS232 (USB/EPO/Relay card /SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm

Colorful Lcd



Rear panel



SNMP



Relay card





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Technical specification

MODEL	Titanium PETA POWER 2 KVA ONLINE
Capacity	2 KVA / 1800 W
INPUT	
Nominal voltage	208/220/230/240Vac
Input voltage range	110-300Vac (176-280Vac @ 100% load)
Frequency range	40-70Hz (50/60Hz Auto-Sensing)
Power factor	≥0.99
OUTPUT	
Output voltage	208/220/230/240Vac
Power factor	0.9
Voltage regulation	±1%
"Output frequency"	"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
Output waveform	Pure Sinewave
EFFICIENCY	
AC mode	90%
Battery mode	87%
BATTERIES	
Battery number	4
Inbuilt battery	12V/9Ah X4
Charging voltage	54.8Vdc±1%
Charging current (Max)	1A
Recharge time	4 hours (to 90% of full capacity)
INDICATORS	
LCD display	Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time
ALARM	
Battery mode	Beeping every 4 seconds
Low Battery	Beeping every second
Overload	Beeping twice every second
Fault	Continuously beeping
ENVIRONMENT	
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
STANDARDS	
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
PHYSICAL	
Dimension W x D×H (mm)	191 x 460 x 337
Net weight (kg)	19.5

"Specifications are subject to change without prior notice."