

6KVA Tower Mount UP

Features

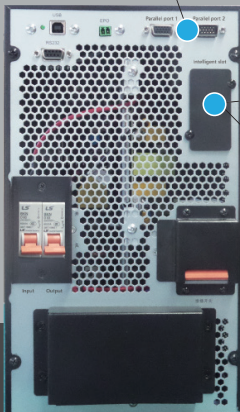
- N+X parallel redundancy, support maximum 4 units in parallel
- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: 16/18/20pcs (Settable)
- Wide input voltage range: 110-286Vac
- Wide input frequency range
- Selectable output voltage: 208/220/230/240Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface: RS232/USB/EPO (Relay card /SNMP card optional)
- Maximum charging current up to 10A
- Cold start
- Design with maintenance switch (Optional)
- Intelligent fan speed regulation
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



Parallel board



Colorful Lcd



Relay card



SNMP



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Technical specification

MODEL	Titanium PETA POWER 6 KVA ONLINE
Cabacity	6 KVA / 6000 W
INPUT	
Nominal voltage	208/220/230/240Vac
Input voltage range	110-286Vac
Frequency range	40-70Hz (50/60Hz Auto-Sensing)
Power factor	≥0.99
Bypass voltage range	"Max.voltage:220V:+25% (Optional+10%,15%,20%) 230V:+20% 240V:+15% Min.voltage:-45%"
OUTPUT	
Output voltage	208/220/230/240Vac
Power factor	1
Voltage regulation	±1%
"Output frequency"	"Line Mode :±10% of the rated frequency Bat. Mode :(50/60±0.1%)Hz"
Crest factor	3:1
Harmonic distortion (THDv)	"≤2% Linear load ≤5% Non linear load"
Transfer time	0ms
Output waveform	Pure Sinewave
Overload	"Line Mode :Load≤110% last 60min; ≤125% last 10min; ≤150% last 1min;>150% turn to bypass mode immediately Bypass Mode : 40A (Breaker)"
EFFICIENCY	
EFFICIENCY	94%
BATTERIES	
Battery number	(±96/±108/±120Vdc (Adjustable)
Inbuilt battery	12V/7Ah x16
Charging current (Max)	1A
Recharge time	6-8 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	Continously 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	<58dB 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 720 (With wheel)
Net weight (kg)	70

"Specifications are subject to change without prior notice."