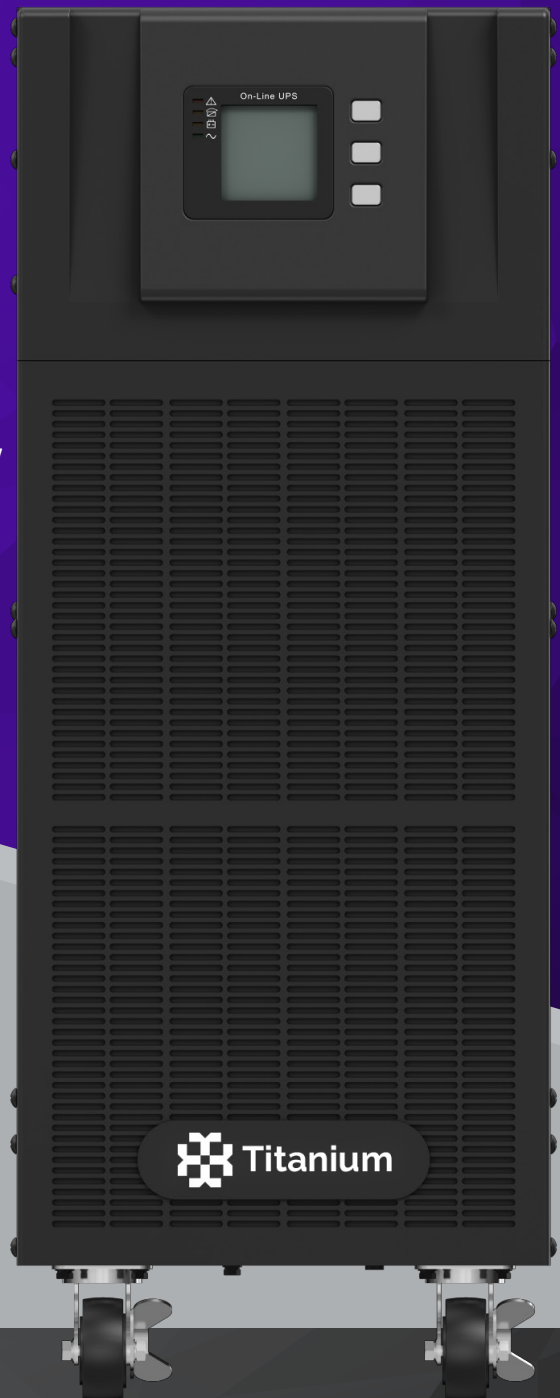


Titanium ZETTA POWER PLUS

20kva online 3-3

Features

- High power density design
- N+X parallel redundancy, support maximum 4 units in parallel
- Online double conversion with DSP control
- Input current harmonic: 3%
- Wide input voltage range: 208-478Vac
- Wide input frequency range 40-70Hz
- Optimization battery group, the quantity of battery
- Maximum charging current up to 18A (Settable)
- TFT LCD display
- Versatile LCD human-computer interface
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- 50/60Hz frequency converter mode
- Cold start
- The output can meet 100% unbalanced load
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
- Multiple communication interface: USB, RS232, RS485, Parallel port, Dry contact, Intelligent slot, SNMP card (Optional), Relay card (Optional), Battery temperature sensor (Optional)



segment lcd



Relay Card



SNMP



SNMP



Parallel cable



Titanium ZETTA POWER PLUS 20kva online 3-3

Technical specification



MODEL	Titanium ZETTA POWER 20 KVA ONLINE 3/3
Cabacity	20 KVA / 20KW
INPUT	
Nominal voltage	380/400/415Vac (3Ph+N+PE)
Operating voltage range	305 478Vac (Full load); 208 478Vac (50% load)
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% (Optional 10%, 15%) 240V: 15% (Optional 10%) Min.voltage: 45% (Optional 20%, 30%)"
Frequency protection range	50/60Hz±10%
ECO range	Same as bypass
Harmonic distortion (THDi)	≤3% Linear load
OUTPUT	
Output voltage	380/400/415Vac (3Ph+N+PE)
Power factor	1
Voltage regulation	±1%
"Output frequency"	"Line Mode :±1%/±2%/±4%/±5%/±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	"AC Mode : Load≤110%: last 60min turn to bypass; ≤125%: last 10min turn to bypass;≤150%: last 1min turn to bypass; ≥150% turn to bypass mode immediately Bat.Mode : Load≤110%: last 10min; ≤125%: last 1min; ≤150%: last 5s; ≥150%: shut down UPS immediately "
EFFICENCY	
EFFICENCY	94.5%
BATTERIES	
Battery voltage	±180/192/204/216/228/240/252/264/276/288/300Vdc (30/32/34/36/38/40/42/44/46/48/50pcs supportable)
Charging current (Max)	18A (Max.)
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)	250×580×655mm
Net weight (kg)	40

"Specifications are subject to change without prior notice."