



FEATURES

TITAN PLUS TOWER 1-3KVA UPS

**HIGH
PERFORMANCE
PURE DOUBLE
CONVERSION
ONLINE UPS**

- DSP Control
- 0.8 Output Power Factor
- Wide Input Range
- High efficiency mode(ECO)
- Frequency Converter Mode
- Input THDi<5%
- Output Voltage Regulation <2%
- Output THDv<3%
- Auto Self-Testing System
- Extendable Run Time
- Fan Speed Control
- Power Management Software
- Multiple Communication Ports
- Optional SNMP & Relay Cards
- Temperature Compensation
- Compact Design



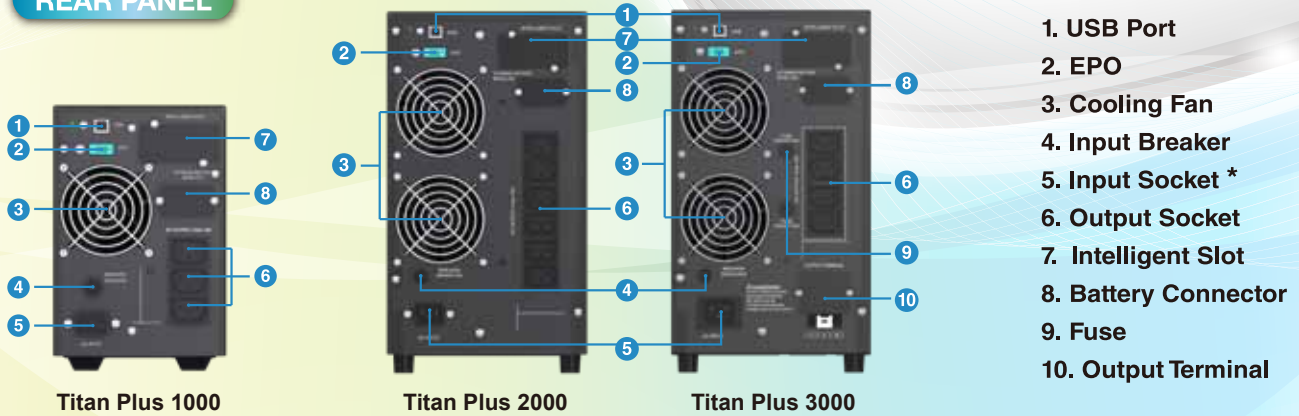
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REAR PANEL



1. USB Port
2. EPO
3. Cooling Fan
4. Input Breaker
5. Input Socket *
6. Output Socket
7. Intelligent Slot
8. Battery Connector
9. Fuse
10. Output Terminal

*: 1K/1KS/2K:10A socket; 2KS/3K:16A socket; 3KS:Terminal Block

MODEL

		Titan Plus 1000	Titan Plus 1000S	Titan Plus 2000	Titan Plus 2000S	Titan Plus 3000	Titan Plus 3000S	
CAPACITY	VVAW	1000VA/800W		2000VA/1600W		3000VA/2400W		
INPUT	Voltage Range	110~300VAC Depends on Load Level						
	Frequency Range	45-55Hz / 54-66Hz						
	Phase	Single Phase with Ground						
	THDI	< 5% with Full Load						
	Power Factor	≥0.99						
	Voltage	200/208/220/230/240VAC						
OUTPUT	Voltage Regulation	±2%						
	Frequency (Synchronized Range)	45-55Hz/54-66Hz						
	Frequency (BAT Mode)	50/60Hz±0.2Hz						
	Current Crest Ratio	3:1						
	Harmonic Distortion	<3% @ Linear Load						
		<5% @ Non-Linear Load						
	Output Waveform	Pure Sine Wave						
	Overload Capacity	Line Mode	1min @105%-110% load 30s @110%-120% load 10s@125%-150% 1s@>150%load					
		BAT Mode						
	EFFICIENCY	Line Mode	>88%					
BAT Mode		>85%						
ECO Mode		>93%			>94%			
BATTERY	Number of Batteries	3	Depending on The Capacity of External Batteries	8	Depending on The Capacity of External Batteries	8	Depending on the Capacity of External Batteries	
	Battery Type	12V/7Ah		12V/7Ah		12V/7Ah		
	Backup Time	>5 Minutes		>9 Minutes		>5 Minutes		
	Recharge Time	5 Hours to 90%		5 hours to 90%		5 Hours to 90%		
	Charging Current	1A		8A		1A		8A 12A (Optional)
TRANSFER TIME	BAT ↔ LINE	0ms						
	INV ↔ BYPASS	<4ms						
	INV → ECO	<4ms						
	ECO → INV	<10ms						
INDICATOR	LCD	Load/Battery/Input/Output/Operating Mode Information						
AUDIBLE ALARM	BAT Mode	Sounding Every 4 Seconds						
	Battery Low	Sounding Every Second						
	Fault	Continuously Sounding						
	Overload Capacity	Sounding Twice Every Second						
DIMENSION	Tower Case (WxHxD)mm	145×220×400		192×347×460		192×347×460		
ENVIRONMENT	Operation Environment	0-45°C						
	Relative Humidity	20-90% (Non-Condensing)						
	Noise Level	<50dB @ Front 1 Meter						
INTERFACE	USB	Software Supports Windows Family, Linux, Sun Solaris, IBM Aix, Compaq True64, SGIIRIX, FreeBSD, HP-UX, MAC						
	External Slot	SNMP/AS400/Relay Card						
	EPO	Emergency Power Off						