



## Titan Vista 9+ Series

### True Double Conversion Online UPS

The Titan Vista 9+ series is a tower type design with a true double conversion online single-phase UPS system. This series comes with an output power factor of 0.9.

A comprehensive LCD display allows users to easily monitor and access their UPS status. The UPS systems come standard with USB and RS-232 communication ports, as well as an intelligent slot for additional adapters, protocol converters, and relay contact cards. An Emergency Power Off (EPO) function is available which allows UPS to be shut off in the event of an emergency.

The Titan Vista 9+ series system is designed to provide clean, high-quality power to critical devices such as sensitive networks, small computer centers, servers, medical equipment, telecom applications, and industrial applications.

## Features

- User Friendly LCD Display
- Tower Type Design
- Output Power Factor 0.9
- Wide Input Range (110V – 300V)
- Microprocessor Control Optimizes Reliability
- Input Power Factor Correction
- Converter Mode Available
- ECO Mode Function for Energy Saving
- Emergency Power Off Function (EPO)
- Adjustable Battery Numbers
- Generator Compatible
- Comes with USB Port, RS-232 Communication Power, SNMP Slot & Power Management Software



POS System



Healthcare



ATM



Financial System

## Rear Panel

1KVA - 3KVA



USB  
Communication Port

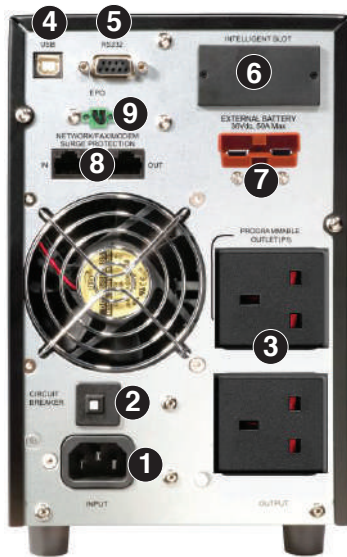


RS-232  
Communication Port

1. AC Input
2. Input Circuit Breaker
3. Output Socket
4. USB Communication Port
5. RS-232 Communication Port
6. Intelligent Slot
7. External Battery Connector (KS Model only)
8. Network/Fax/Modem Protection (RJ45)
9. Emergency Power Off (EPO) Connector



Titan Vista 9+ Series (front panel)



Titan Vista 9+ 1K/1KS  
(rear panel)



Titan Vista 9+ 2K/2KS, 3K/3KS  
(rear panel)



### Technical Specification:

MODEL	Titan Vista 9+ 1K	Titan Vista 9+ 1KS	Titan Vista 9+ 2K	Titan Vista 9+ 2KS	Titan Vista 9+ 3K	Titan Vista 9+ 3KS
CAPACITY (KVA/W)	1KVA / 900W		2KVA / 1800W		3KVA / 2700W	
<b>INPUT</b>						
INPUT VOLTAGE	200/208/220/230/240VAC					
VOLTAGE RANGE	110 - 300VAC					
FREQUENCY RANGE	40Hz - 70Hz					
PHASE	Single Phase with Ground					
INPUT POWER FACTOR	≥ 0.99 @ nominal voltage (100% load)					
<b>OUTPUT</b>						
OUTPUT VOLTAGE	200/208/220/230/240VAC					
OUTPUT POWER FACTOR	0.9					
AC VOLTAGE REGULATION (Batt. Mode)	± 1%					
FREQUENCY RANGE (Synchronized Range)	47 - 53Hz or 57 - 63Hz					
CURRENT CREST RATIO	3 : 1					
TOTAL HARMONIC DISTORTION	≤ 3% THD Linear Load ; ≤ 6% THD Non-Linear Load		≤ 4% THD Linear Load ; ≤ 7% THD Non-Linear Load			
WAVEFORM	Pure Sinewave					
TRANSFER TIME (AC Mode to Batt. Mode)	Zero					
TRANSFER TIME (Inverter to Bypass)	4ms (Typical)					
OUTPUT SOCKET	2 x British Socket			4 x British Socket		
<b>BATTERY</b>						
SEALED LEAD ACID MAINTENANCE FREE BATTERY	12V 7 AH x 3pcs	Depending on the capacity of External Batteries	12V 7AH x 6pcs	Depending on the capacity of External Batteries	12V 9AH x 6pcs	Depending on the capacity of External Batteries
BACKUP TIME (Depending on Load)	20 - 30 minutes		20 - 30 minutes		20 - 30 minutes	
RECHARGE TIME	4 Hrs. to 90%		4 Hrs. to 90%		4 Hrs. to 90%	
CHARGING CURRENT (MAX)	1A	8A	1A	8A	1A	8A
<b>STATUS INDICATION</b>						
LCD DISPLAY	UPS Status, Load Level, Battery Level, Input / Output Voltage, Discharge Timer, UPS Fault					
AUDIBLE ALARM	Battery Mode, Low Battery, Overload, Fault					
<b>COMMUNICATION</b>						
POWER MANAGEMENT SOFTWARE	Support Window Family, Linux & MAC					
INTERFACE	RS 232 & USB Port					
INTELLIGENT SLOT	Optional SNMP/AS 400 Relay Card					
EMERGENCY POWER OFF	Yes					
<b>SURGE PROTECTION &amp; FILTERING</b>						
SPIKE, SURGE & LIGHTNING PROTECTION	Yes					
OVERLOAD, SHORT CIRCUIT PROTECTION	Yes					
<b>PHYSICAL</b>						
OPERATING ENVIRONMENT	0-40°C, 20 - 90% Relative Humidity (Non-Condensing)					
NOISE LEVEL	< 45dB @ 1 Meter					
DIMENSION (DxWxH)mm	397 x 145 x 220			421 x 190 x 318		
WEIGHT (KG)	12	6.3	22.5	10.5	26.6	11.7
<b>SAFETY STANDARD</b>						
PROTECTION	IP 20					
UPS SAFETY	IEC/ EN 62040-1					
EMC	IEC/ EN 62040-2					
UPS PERFORMANCE TEST	VFI-SS-111 in accordance with IEC / EN 62040-3					
UPS COMPLIANCE	CE					
<b>WARRANTY</b>						
UPS WARRANTY	3 Years Full Warranty Include Parts & Labour. 2 Years Warranty for Battery (*Not applicable for KS model)					

\*Specification subjects to change without prior notice