

Professional Series



Green
Power



Environmental
Friendly



Energy
Saving



Titan Neo F Series

True Double Conversion Online UPS



- User Friendly LCD Display
- 0.8 / 0.9 Output Power Factor
- Input Power Factor Correction
- Wide Input Range (110V - 300V)
- ECO Mode for Energy Saving
- Emergency Power Off (EPO) Function
- Generator Compatible
- Comes with USB Port , RS232 Port, SNMP Slot & Power Management Software



• Long Back-up •
Time



• Software •



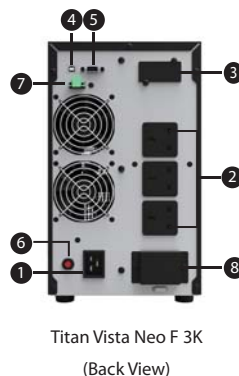
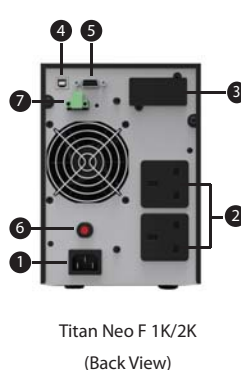
• 3 Years •
Warranty

Professional Series



RIGHT POWER

The Power Of Continuity



1. AC Input Socket
2. British Output Socket
3. Intelligent Slot
4. USB Communication Port
5. RS-232 Communication Port
6. Input Circuit Breaker
7. EPO (Emergency Power Off) Connector
8. Output Terminal

Technical Specification:

MODEL	Titan Neo F 1K	Titan Neo F 1KS	Titan Neo F 2K	Titan Neo F 2KS	Titan Neo F 3K	Titan Neo F 3KS
CAPACITY (KVA/W)	1KVA/900W		2KVA / 1,800W		3KVA / 2,700W	
INPUT						
NOMINAL VOLTAGE	208/220/230/240VAC					
VOLTAGE RANGE	110 - 300VAC					
NOMINAL FREQUENCY	50 or 60Hz					
FREQUENCY RANGE	40 ~ 70Hz					
PHASE	Single Phase with Ground					
INPUT POWER FACTOR	≥0.99 @ Nominal Voltage (100% Load)					
OUTPUT						
OUTPUT VOLTAGE	208/220/230/240VAC					
OUTPUT POWER FACTOR	0.9					
VOLTAGE REGULATION	± 1%					
NOMINAL OUTPUT FREQUENCY	50 or 60Hz					
FREQUENCY RANGE (Batt. Mode)	50Hz or 60Hz ±0.5%					
CURRENT CREST RATIO	3 : 1					
TOTAL HARMONIC DISTORTION (THDv)	≤ 3% @ Linear Load ; ≤5% @ Non-Linear Load					
WAVEFORM	Pure Sinewave					
TRANSFER TIME (Typical)	Zero					
TRANSFER TIME (Inverter to Bypass)	4 ms (Typical)					
OUTPUT SOCKET	2 x British Socket				3 x British Socket + 1 x Terminal Block	
PROTECTION						
SURGE PROTECTION	IEC 61000-4-5 Level 4					
SHORT CIRCUIT PROTECTION	UPS Output Cut Off Immediately or Input Fuse/Circuit Breaker Protection					
OVERLOAD PROTECTION	LINE MODE : 105%-110% Overload warning only (No shutdown); 110%-125% Warning, transfer to bypass after 60s; > 125%, Transfer to bypass immediately					
	BATTERY MODE :105%-110%, Overload warning only (No shutdown); 110%-120% Warning, shutdown after 10s; > 120% Shutdown immediately					
	BYPASS MODE: 110%-130%, warning only; > 130%, shutdown immediately					
BATTERY						
SEALED LEAD ACID MAINTENANCE FREE BATTERY	12V 7.2AH x 2pcs	Depending on the capacity of External Batteries	12V 7.2AH x 4pcs	Depending on the capacity of External Batteries	12V 7.2AH x 6pcs	Depending on the capacity of External Batteries
BACKUP TIME (Depending on Load)	15 - 20 minutes		15 - 20 minutes		15 - 20 minutes	
RECHARGE TIME	4 Hours to 90%		4 Hours to 90%		4 Hours to 90%	
CHARGING CURRENT (MAX)	1A	5A	1A	5A	1A	5A
EFFICIENCY						
EFFICIENCY (Inverter Mode)	89%		90%		91%	
EFFICIENCY (Batt. Mode)	85%		88%		88%	
ECO MODE	97%		98%		98%	
STATUS INDICATION						
LCD DISPLAY	Input/Output Voltage, Load Level, Battery Level, AC Mode, Battery Mode, Bypass Mode, UPS Fault					
AUDIBLE ALARM	Battery Mode, Low Battery, UPS Fault, Overload, Replace Battery, Bypass Mode, Charger Failure/Over Charged, Fan Failure, EPO active					
COMMUNICATION						
POWER MANAGEMENT SOFTWARE	Support Window Family, Linux & MAC					
	- UPS Status Monitoring - Schedules Shutdown / Restart -Runtime Configuration -Email & SMS Notification -User Programmable Command File - Safety Shutdown					
INTERFACE	USB Port & RS 232 Port					
SNMP SLOT	Yes					
EMERGENCY POWER OFF (EPO)	Yes					
PHYSICAL						
OPERATING ENVIRONMENT	0-40°C, 20 - 90% Relative Humidity (Non-Condensing)					
NOISE LEVEL	< 45dB				<50dB	
DIMENSION (DxWxH)mm	395 x 151 x 225		395 x 151 x 225		417 x 196 x 342	395 x 151 x 225
WEIGHT (KG)	10.67	7	14	7.5	25.8	8.9
WARRANTY						
UPS WARRANTY	3 Years Full Warranty Include Parts & Labour. 2 Years Warranty for Battery					

*Specification subjects to change without prior notice



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Titan Neo F 6K/10K
(Back View)

1. Input/Output Terminal
2. Intelligent Slot
3. USB Communication Port
4. RS-232 Communication Port
5. Input Circuit Breaker
6. Emergency Power Off (EPO) Connector
7. Fan

Technical Specification:

MODEL	Titan Neo F 6K		Titan Neo F 6KS	Titan Neo F 10K		Titan Neo F 10KS
CAPACITY (KVA/W)	6KVA/4,800W			10KVA/8,000W		
INPUT						
NOMINAL VOLTAGE	208/220/230/240VAC					
VOLTAGE RANGE	110 - 276VAC					
NOMINAL FREQUENCY	50 or 60Hz					
FREQUENCY RANGE	(45~55)/(54~66)Hz					
PHASE	Single Phase with Ground					
INPUT POWER FACTOR	≥ 0.99 @ Nominal Voltage (100% Load)					
OUTPUT						
OUTPUT VOLTAGE	208/220/230/240VAC					
OUTPUT POWER FACTOR	0.8					
VOLTAGE REGULATION	± 1%					
NOMINAL OUTPUT FREQUENCY	46Hz 54Hz or 56Hz 64Hz					
FREQUENCY RANGE (Batt. Mode)	50Hz or 60Hz ±0.5Hz					
CURRENT CREST RATIO	3 : 1					
TOTAL HARMONIC DISTORTION (THDv)	≤2% @ Linear Load ; ≤5% @ Non-Linear Load					
WAVEFORM	Pure Sinewave					
TRANSFER TIME (AC to DC)	Zero					
TRANSFER TIME (Inverter to Bypass)	4 ms (Typical)					
OUTPUT SOCKET	Terminal Block					
PROTECTION						
SURGE PROTECTION	IEC 61000-4-5 Level 4					
SHORT CIRCUIT PROTECTION	UPS Output Cut Off Immediately or Input Fuse/Circuit Breaker Protection					
OVERLOAD PROTECTION	LINE MODE : 105%-125% transfer to bypass after 1 min ; 125% - 135% transfer to bypass after 30s ; > 135% transfer to bypass after 10s ; > 150% transfer to bypass after 1s					
	BATTERY MODE : 105%-125% shutdown after 1 min ; 125%-135% shutdown after 30s , > 135% shutdown after 1 s					
	BYPASS MODE : 120% - 150% cut off output & alarm continually after 1 min ; > 150% shutdown immediately					
BATTERY						
SEALED LEAD ACID MAINTENANCE FREE BATTERY	12V 7AH x 16pcs	Depending on the capacity of External Batteries	12V 9AH x 16pcs		Depending on the capacity of External Batteries	
BACKUP TIME (Depending on Load)	15 - 20 minutes		15 - 20 minutes			
RECHARGE TIME	7 Hours to 90%		9 Hours to 90%			
CHARGING CURRENT (MAX)	1A	4A	1A		4A	
EFFICIENCY						
EFFICIENCY (Inverter Mode)	92%					
EFFICIENCY (Batt. Mode)	90%					
ECO MODE	96%					
STATUS INDICATION						
LCD DISPLAY	Input/Output Voltage, Load Level, Battery Level, AC Mode, Battery Mode, Bypass Mode, UPS Fault					
AUDIBLE ALARM	Battery Mode, Low Battery, UPS Fault, Overload, Replace Battery, Bypass Mode, Charger Failure/Over Charged, Fan Failure, EPO active					
COMMUNICATION						
POWER MANAGEMENT SOFTWARE	Support Window Family, Linux & MAC					
	- UPS Status Monitoring - Schedules Shutdown / Restart -Runtime Configuration -Email & SMS Notification -User Programmable Command File - Safety Shutdown					
INTERFACE	USB Port & RS 232 Port					
SNMP SLOT	Yes					
EMERGENCY POWER OFF (EPO)	Yes					
SURGE PROTECTION & FILTERING						
SPIKE, SURGE & LIGHTNING PROTECTION	Yes					
OVERLOAD, SHORT CIRCUIT PROTECTION	Yes					
PHYSICAL						
OPERATING ENVIRONMENT	0-40°C, 0 - 95% Relative Humidity (Non-Condensing)					
NOISE LEVEL	< 55dB @ 1 Meter			< 58dB @ 1 Meter		
DIMENSION (DxWxH)mm	414 x 196 x 702	414 x 196 x 342		414 x 196 x 702	414 x 196 x 342	
WEIGHT (KG)	54	15		63.5	16.4	
WARRANTY						
UPS WARRANTY	3 Years Full Warranty Include Parts & Labour. 2 Years Warranty for Battery					

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