RIGHT POWER®
The Power Of Continuity

1KVA - 6KVA

Titan Neo P Series

True Double Conversion Online UPS

The Titan Neo P Series is a rackmount type true online double conversion single phase UPS system. High input power factor correction in the system to improve efficiency.

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 for the 6KVA-10KVA models, which allows UPS to be shut off in the event of an emergency.

Features

- User Friendy LCD Display
- Rackmount Type Design
- Output Power Factor 0.8
- Wide Input Range (110V - 300V)
- Microprocessor Control Optimizes Reliability
- Input Power Factor Correction
- Converter Mode Available
- ECO Mode Function for Energy Saving (1K-3K Model Only)
- Emergeny Power Off Function (EPO) (6K-10K Model Only)
- Generator Compatible
- Comes with USB Port, RS-232 Communication Power, SNMP Slot & Power Management Software

Healthcare

CCTV & Security Systems

ATM

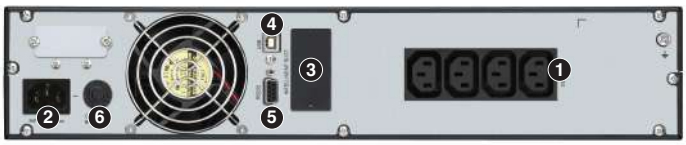
Financial System

10KVA

Rear Panel
1KVA - 3KVA

Titan Neo P 1KR

Titan Neo P 1KRS



Titan Neo P 2KR

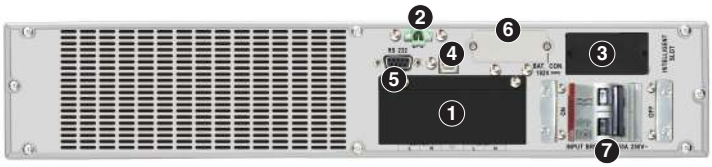
Titan Neo P 2KRS

Titan Neo P 3KR

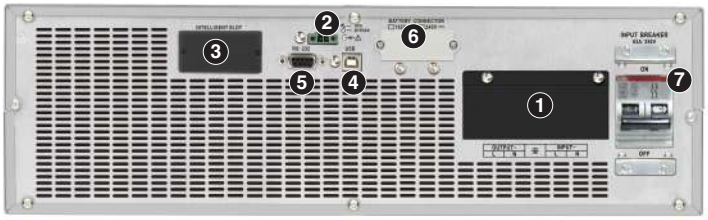
Titan Neo P 3KRS

1. IEC Output Socket
2. Input Socket
3. Intelligent Slot
4. USB Communication Port
5. RS 232 Communication Port
6. Circuit Breaker
7. Terminal Block
8. External Battery Connector

Rear Panel
6KVA - 10KVA



Titan Neo P 6KRS



Titan Neo P 10KRS

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

Green Power
Environmental Friendly
Energy Saving

Titan Neo P Series

1KVA - 3KVA

Technical Specification:

MODEL		Titan Neo P 1KR / 1KRS	Titan Neo P 2KR / 2KRS	Titan Neo P 3KR/ 3KRS
CAPACITY (KVA/WATTS)		1KVA / 800W	2KVA / 1600W	3KVA / 2400W
INPUT				
NOMINAL VOLTAGE		200/208/220/230/240VAC		
VOLTAGE RANGE		110 - 300VAC (Based on load at 50%)		
		160 - 280VAC (Based on load at 100%)		
FREQUENCY RANGE		40Hz ~ 70 Hz		
PHASE		Single Phase with Ground		
INPUT POWER FACTOR		≥ 0.99 @ Nominal Voltage (100% Load)		
OUTPUT				
OUTPUT VOLTAGE		200/208/220/230/240VAC		
OUTPUT POWER FACTOR		0.8		
VOLTAGE REGULATION (Batt. Mode)		± 1%		
FREQUENCY RANGE (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz		
FREQUENCY RANGE (Batt. Mode)		50Hz ± 0.25Hz or 60Hz ±0.3Hz		
CURRENT CREST RATIO		3 : 1		
TOTAL HARMONIC DISTORTION (THDv)		≤ 3% @ Linear Load ; ≤ 6% @ Non-Linear Load		
WAVEFORM		Pure Sinewave		
TRANSFER TIME (AC to DC)		Zero		
TRANSFER TIME (Inverter to Bypass)		4 ms (Typical)		
STANDARD MODEL	OUTPUT SOCKET	3 x IEC Socket	4 x IEC Socket	4 x IEC + Terminal Block
KS MODEL		6 x IEC Socket		6 x IEC + Terminal Block
BATTERY				
STANDARD MODEL	BATTERY TYPE	12V 9AH	12V 9AH	12V 9AH
	BATTERY NUMBERS	2	4	6
	BACKUP TIME	20 - 30 minutes depending on load		
	RECHARGE TIME	4 Hours to 90% capacity		
	CHARGING CURRENT	1A		
	CHARGING VOLTAGE	27.4 VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ± 1%
KS MODEL	BATTERY TYPE	Depending on the capacity of the external batteries		
	BATTERY NUMBERS	2	4	6
	BACKUP TIME	Depending on the capacity of the external batteries		
	CHARGING CURRENT	1A		
	CHARGING VOLTAGE	27.4 VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ± 1%
STATUS INDICATION				
LCD DISPLAY		Load Level, Battery Level, AC Mode, Battery Mode, Bypass Mode, UPS Fault		
AUDIBLE ALARM		Battery Mode, Low Battery, UPS Fault, Overload		
COMMUNICATION				
POWER MANAGEMENT SOFTWARE		Support Window Family, Linux & MAC		
INTERFACE		USB & RS-232 Communication Port		
INTELLIGENT SLOT		AS 400 / SNMP (Optional)		
SURGE PROTECTION & FILTERING				
SPIKE, SURGE & LIGHTNING PROTECTION		Yes		
OVERLOAD, SHORT CIRCUIT PROTECTION		Yes		
PHYSICAL				
OPERATING ENVIRONMENT		0-40°C, 20 - 90% Relative Humidity (Non-Condensing)		
NOISE LEVEL		< 50dB @ 1 Meter		
STANDARD MODEL	DIMENSION (DxWxH)mm	310 x 438 x 88 (2U)	410 x 438 x 88 (2U)	630 x 438 x 88 (2U)
	WEIGHT (KG)	12	19	29.3
KS MODEL	DIMENSION (DxWxH)mm	310 x 438 x 88 (2U)	410 x 438 x 88 (2U)	
	WEIGHT (KG)	9	12	14.2
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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Energy Saving

Titan Neo P Series

6KVA - 10KVA

Technical Specification:

MODEL		Titan Neo P 6KR / 6KRS	Titan Neo P 10KR / 10KRS
CAPACITY (KVA/WATTS)		6KVA / 4800W	10KVA / 8000W
INPUT			
NOMINAL VOLTAGE		208/220/230/240VAC	
VOLTAGE RANGE		110 - 300VAC (Based on load at 50%)	
		176 - 300VAC (Based on load at 100%)	
FREQUENCY RANGE		46Hz ~ 54 Hz or 56Hz ~ 64 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 (Batt. Mode)		± 1%	
FREQUENCY RANGE (Synchronized Range)		46Hz ~ 54 Hz or 56Hz ~ 64 Hz	
FREQUENCY RANGE (Batt. Mode)		50Hz ± 0.1Hz or 60Hz ±0.1Hz	
CURRENT CREST RATIO		3 : 1	
TOTAL HARMONIC DISTORTION (THDv)		≤ 3% @ Linear Load ; ≤ 5% @ Non-Linear Load	
WAVEFORM		Pure Sinewave	
TRANSFER TIME (AC to DC)		Zero	
TRANSFER TIME (Inverter to Bypass)		Zero	
OUTPUT SOCKET		Terminal Block	
BATTERY			
STANDARD MODEL	BATTERY TYPE	12V 7AH	12V 9AH
	BATTERY NUMBERS	20	
	BACKUP TIME	20 - 30 minutes depending on load	
	RECHARGE TIME	9 Hours to 90% capacity	
	CHARGING CURRENT	1A / 2A (Adjustable)	
	CHARGING VOLTAGE	273 VDC ± 1%	
KS MODEL	BATTERY TYPE	Depending on the capacity of the external batteries	
	BATTERY NUMBERS	16 - 20 (Adjustable)	
	BACKUP TIME	Depending on the capacity of the external batteries	
	CHARGING CURRENT	1.0A / 2.0A / 4.0A / 6.0A (Adjustable, 6A is only available for 16pcs batteries)	
	CHARGING VOLTAGE	218.4VDC ± 1% / 273 VDC ± 1%	
STATUS INDICATION			
LCD DISPLAY		Load Level, Battery Level, AC Mode, Battery Mode, Bypass Mode, UPS Fault	
AUDIBLE ALARM		Battery Mode, Low Battery, UPS Fault, Overload	
COMMUNICATION			
POWER MANAGEMENT SOFTWARE		Support Window Family, Linux & MAC	
INTERFACE		USB & RS-232 Communication Port	
INTELLIGENT SLOT		AS 400 / SNMP (Optional)	
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
STANDARD MODEL	DIMENSION (DxWxH)mm	UPS : 530 x 438 x 88 (2U) Battery Pack : 580 x 438 x 133 (3U)	UPS : 580 x 438 x 133 (3U) Battery Pack : 580 x 438 x 133 (3U)
	WEIGHT (KG)	UPS : 15 Battery Pack : 61	UPS: 18 Battery Pack: 61
KS MODEL	DIMENSION (DxWxH)mm	UPS : 530 x 438 x 88 (2U)	UPS : 580 x 438 x 133 (3U)
	WEIGHT (KG)	UPS: 15	UPS : 18
WARRANTY			
UPS WARRANTY		3 Years Full Warranty Include Parts & Labour. 2 Years Warranty for Battery	

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