Titan 1K (220V)

UPS Solution for CSSS

NEW



Features

- Microprocessor control guarantees high reliability
- Tower and rack mount available
- Modular design guarantees high reliability
- Cold start function
- External battery connections for extended backup time

Introduction

The Titan UPS series make use of unique AC-DC double conversion circuitry to detect the electrical current and voltage output of the utility power supply. The current inputs a high frequency PWM that maintains uniform waveforms and phase in line with voltages. The result attains high input power factors over 95% and avoids generating harmonic distortion and interference on the power network.

Specifications

Capacity

- **Capacity** 1000 VA/700 W

Input range

- **Base on load percentage** (100% ~ 80%/80% ~ 70%/70% ~ 60%/60% ~ 0%)
- **Line Low Transfer** 160 V_{AC}/140 V_{AC}/120 V_{AC}/110 V_{AC} ± 5 V_{AC}
- **Line Low Comeback** 175 V_{AC} ± 5 V_{AC}
- **Line High Transfer** 300 V_{AC} ± 5 V_{AC}
- **Line Low Comeback** 285 V_{AC} ± 5 V_{AC}
- **Frequency Range** 46Hz ~ 54 Hz

Output range

- **Range** 220VAC / 230VAC / 240VAC
- **Regulation** ± 2%
- **Frequency (Sync range)** 46Hz-54Hz
- **Frequency (Battery Mode)** 50± 0.2Hz
- **Current Crest Ratio** 3:1
- **Harmonic Distortion** <3% THD (Linear Mode); <6%THD(Non-linear Mode)

Efficiency

- **AC mode** 85%
- **Battery Mode** 83%

Battery Mode

- **Battery Type** 12 V/7.2 Ah
- **Number of Batteries** 3
- **Backup Time (Full load)** >5mins
- **Recharge time** 5 hours to 90%
- **Charge current** 1.0A

Dimension & Weight

- **D x W x H (mm)** 400 x 145 x 220
- **Wight** 14 kg

Environment

- **Operation Temp** 0 ~ 40° C
- **Relative Humidity** 20% ~ 90%
- **Noise Level** <45dB

Interface

- **RS232 and USB (optional)**

Ordering Information

Model Name	Description
9680004810	Centralion Titan 1K 220V UPS

All product specifications are subject to change without notice