



TE1000

TE2000/TE3000

Titan Elite- True Online Double Conversion Design Pure Sine Wave

The New series is designed for the best cost effective performance. With appropriate quantity of batteries and output PF 0.8., The New Titan Elite offers competitive cost but with reliable performance to meet the entry level on line UPS demand.

With long backup time models are allowed to connect external batteries to get prolonged backup time. The New Titan Elite adopts the 4A super charger board, and the battery recharging time is now able to be shortened and keep in ready status for the next power shortage.

Features:

- True Online Double Conversion Designed
- DSP design enables precise and reliable control
- High efficiency results in energy saving
- Output power factor 0.8
- Wide AC input range (115-300VAC)
- Automatic switching between 50/60Hz system
- LCD & LED display
- Supports AC generator
- Supports DC start-up and auto restart
- Supports USB/SNMP/RS485/AS400 communication card
- Power Management S/W WinPower



| Model | TE1000 | TE1000S | TE2000 | TE2000S | TE3000 | TE3000S |
|--------------------------------|---|---|--------------|---|--------------|---|
| Capacity | 1000VA/800W | 1000VA/800W | 2000VA/1600W | 2000VA/1600W | 3000VA/2400W | 3000VA/2400W |
| Input | | | | | | |
| Voltage range | 115-300VAC | | | | | |
| Phase | Single phase with ground | | | | | |
| THDi | <10% | | | | | |
| Power Factor | ≥ 0.98 @ R full load | | | | | |
| Frequency Range | 40-70Hz | | | | | |
| Generator Set | 2.2 x UPS Rating Power | | | | | |
| Output | | | | | | |
| Waveform | Pure sine wave | | | | | |
| Nominal voltage | 200 / 208 / 220 / 230 / 240VAC | | | | | |
| Voltage regulation | ±1 % | | | | | |
| Voltage distortion | < 3% @linear load < 3% @non-linear load | | | | | |
| Frequency (synchronized range) | 46-54Hz / 56-64Hz | | | | | |
| Frequency (battery mode) | 50±.05Hz / 60±.05Hz | | | | | |
| Overload Capability | 105%-150% : 60s 150%-200% : 25s~300ms >200% : 200ms | | | | | |
| Load Crest Ratio | 3:1 | | | | | |
| Transfer Time | | | | | | |
| Normal Mode | 0ms | | | | | |
| Efficiency | | | | | | |
| Line mode | >89% | | >90% | | >90% | |
| Battery mode | >83% | >83% | >85% | >83% | >85% | |
| Battery | | | | | | |
| Type | Sealed-Lead Acid Maintenance Free | | | | | |
| Voltage/Capacity | 12V/7Ah,9Ah | Depends on the capacity of external batteries | 12V/7Ah,9Ah | Depends on the capacity of external batteries | 12V/7Ah,9Ah | Depends on the capacity of external batteries |
| Number of Battery | 2 | | 4 | | 6 | |
| Backup Time (depend on load) | >15 min | | >15 min | | >15 min | |
| Charger | | | | | | |
| Charging voltage | 27-27.6V | 40.5-41.4V | 54-55.2V | 81-82.8V | 81-82.2V | 108-110.4V |
| Charging current (max) | 1.0A | 6.0A | 1.0A | 6.0A | 1.0A | 6.0A |
| Charging time | <7hr to 90% | Depend on the capacity | <7hr to 90% | Depend on the capacity | <7hr to 90% | Depend on the capacity |
| Indicator & Alarm | | | | | | |
| Display LCD&LED | LCD | Input(Volt/Freq), Output(Volt/Freq), Load (Level/Percentage), Battery (Voltage/Level/Percentage),Warning/Fault Code | | | | |
| | LED | Line LED, Inverter LED, Bypass LED, Battery LED | | | | |
| Audible Alarm | Battery mode/Battery low/Overload/Fault | | | | | |
| Interface | | | | | | |
| RS232 | Standard | | | | | |
| Intelligent Slot | USB/SNMP/RS485/AS400 Card | | | | | |
| Dimension & Weight | | | | | | |
| WxDxH(mm) | 144x345x229 | | 190x393x328 | | 190x393x328 | |
| Net Weight | 9.2 | 4.2 | 17.2 | 7.9 | 22.6 | 8.3 |
| Environment | | | | | | |
| Operating Temperature Range | 0° ~ 40 ° | | | | | |
| Audible Noise | <45dB | | | | | |
| CE Declaration | Low Voltage Directive(Safety): EN62040-1:2008(1st edition) EMC Directive: EN62040-2:2006 (EN61000-3-2:2006+A1:2009+A2:2009,EN61000-4-2:2009, EN61000-4-3:2006+A1:2008+A2:2010, EN61000-4-4:2012,EN61000-4-5:2006,EN61000-4-6:2014,EN61000-4-8:2010,EN61000-4-11:2004,EN61000-2-2:2002) | | | | | |

*Specification are subject to change without prior notice