

GENERAL SPECIFICATIONS

Specification	Value
Series	TITAN
Model	TITAN 6100T
Phase	Single Phase
Capacity	6000 VA / 6000 W
Input Voltage Range	"110-300VAC (50% load) 176-300VAC (100% load)"
Input Frequency Range	40Hz ~ 70 Hz
Power Factor	≥0.97
Output Voltage	220VAC ±1% (208,210,230,240 adjustable)
Voltage Range (Battery Mode)	±1%
Frequency Range (Sync / Sync Correction)	47~53 or 57~63 Hz
Frequency Range (Battery Mode)	50/60Hz ±0.25Hz (adjustable)
Surge Ratio	03:01
Harmonic Distortion (THD)	"≤3% THD (Linear Load) ≤6% THD (Non-Linear Load)"
Transfer Time	
Transfer Time - AC to DC	0ms
Transfer Time - Inverter to Bypass	4ms
Waveform	Pure Sine Wave
Battery Model (Standard)	12V/7AH
Battery Quantity (Standard)	12
Max Charge Current (Standard)	1A,2A,3A,4A,5A,6A,7A,8A,9A,10A (adjustable)
Charge Voltage (Standard)	165VDC±1%
Battery Model (Long-run / Long Backup)	Depends on requirments
Battery Quantity (Long-run / Long Backup)	16
Max Charge Current (Long-run / Long Backup)	1A,2A,3A,4A,5A,6A,7A,8A,9A,10A (Adjustable)
Charge Voltage (Long-run / Long Backup)	220VDC±1%
LCD or LED indicators	System states, Load Power, Battery Capaciity,Utility Power Mode, Battery Mode, Bypass Mode, Fault Indication
Warning - Battery Mode	Alarm beeps every four seconds
Warning - Battery Discharge / Low Battery	Alarm beeps every one seconds
Warning - Overload	Alarm beeps every one seconds
Warning - Fault	Alarm beeps continuously
Dimensions (Standard)	384×192×730 mm
Weight (Standard)	40.78 kg
Dimensions (Long-run / Long Backup)	450×192×335 mm
Weight (Long-run / Long Backup)	9.42 kg
Operating Temp/Humidity	0~40°C, 20-90% RH
Noise	<50 dBA
Smart RS-232 / USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix
Optional SNMP	Power management supports SNMP management and network management (SNMP optional)