

GENERAL SPECIFICATIONS

Specification	Value
Series	POWERCORE
Model	POWERCORE 3100T
Phase	Single-phase to ground
Capacity	3000VA/2400W
Input Voltage Range	145~280VAC
Input Frequency Range	46~54Hz or 56~64Hz
Power Factor	>=0.98
Output Voltage	220VAC±10%
Voltage Range (Battery Mode)	±2%(±10% mains mode)
Frequency Range (Sync / Sync Correction)	47~53 or 57~63Hz
Frequency Range (Battery Mode)	50Hz ±0.25Hz
Surge Ratio	03:01
Harmonic Distortion (THD)	≤3% THD
Transfer Time	≤8ms
Transfer Time - AC to DC	
Transfer Time - Inverter to Bypass	
Waveform	PWM
Battery Model (Standard)	12V/7AH
Battery Quantity (Standard)	6
Max Charge Current (Standard)	1.5A
Charge Voltage (Standard)	82.1VDC
Battery Model (Long-run / Long Backup)	Depends on applicant
Battery Quantity (Long-run / Long Backup)	8
Max Charge Current (Long-run / Long Backup)	8A (adjustable)
Charge Voltage (Long-run / Long Backup)	109.4VDC±1%
LCD or LED indicators	System status, load size, battery capacity, mains mode, battery mode, bypass mode, input/output voltage, 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)	450x192x335 mm
Weight (Standard)	33 kg
Dimensions (Long-run / Long Backup)	405x144x213 mm
Weight (Long-run / Long Backup)	12.65 kg
Operating Temp/Humidity	0~40°C, 20-95% RH
Noise	<45dBA
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)