THE ENERGY DOCTOR®

TED ELECTRIC

Ted Electric
Holland, City: Wassenaar, Dr. Mansveltkade Street 48
Postal code: 2242XM
www.tedelectric.eu
0031 6 1988 6240

5100VA TED Online Solar Inverter

- Pure Sine Wave Output
- Online Static Bypass, Zero Transfer
- High Reliability Double Microprocessor Control
- Multi Power Point Tracking Controller
- LCD Display and LED Indicators
- High Protection for Overload, High Temperature
- Cold Rolled Grain Oriented (CRGO) Silicon Steel
- Automatic Recharge
- Smart Battery Management



Specifications	
Model	TED SOLAR 5100VA
Power (VA/W)	5100 VA / 3500 W
Battery (V/A)	48 V / min. 100 A
Input Photovoltaic Solar Panels	
Voltage Range / Efficiency	60-100V DC / 98%
Maximum Charge Current	60 A
Mains Status	
Input Voltage Range	140-275 V
Output Voltage Range (AC)	230 V ± 4%
Input Frequency Range	45-65 Hz
Current	min. 10 A
Mains Overload	Warning until decrease load
Inverter Output	
Inverter Output Voltage (AC)	230 V ± 3%
Output Frequency	50 Hz
Waveform / Power factor	Linear load < 3% / > 0.6
Panel Voltage - AC Transfer Time	4 ms
Inverter Overload	110-150% Shutdown at 30 sec / 130-250% Shutdown at 3 sec
Short Circuit	System automatically shutdown
Alarms	
Mains Abnormal / Low Battery	1 time - 1 sec, silence after 5 sec / 1 time - 1 sec & flash battery last grid
Overload	1 time - 1 sec & display overload grid
Others	
Ambient Temperature / Humidity	0-40°C / 10-90% non condensed
Noise Level (dB)	< 50 dB
Output Receptacle	2x Schuko CEE 7/3
Dimensions D x W x H (mm)	312 x 310 x 167 mm
Net Weight (kg)	7.6 kg

Due to continuous product improvements, program specifications are subject to change without notice