

# TED Online Solar Inverter 850VA

- Pure Sine Wave Output
- Online Static Bypass, Zero Transfer Time
- 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 850VA
Power (VA/W)	850/500
Battery (V/A)	12V / minimum 100A
Input Photovoltaic Solar Panels	
Voltage Range / Efficiency	15V ÷ 75V DC / 98%
Maximum Charge Current	20A
Mains Status	
Input Voltage Range	140V~ 275V
Output Voltage Range (AC)	230V ± 4%
Input Frequency Range	45Hz - 65Hz (automatically transfer to invert mode when over frequency)
Maximum Current	minim 10A
Mains Overload	Warning Until Decrease Load
Inverter Output	
Inverter Output Voltage (AC)	230V ± 3%
Output Frequency	50Hz
Waveform / Power factor	Linear Load < 3% / > 0.6
Panel Voltage - AC Transfer Time	4 ms
Inverter Overload	110% - 150% Shutdown at 30sec / 130% - 250% Shutdown at 3sec
Short Circuit	System Automatically Shutdown
Alarms	
Mains Abnormal / Low Battery	1 time - 1sec, silence after 5sec / 1 time - 1sec and Flash Battery Last Grid
Overload	1 time - 1sec and Display Overload Grid
Others	
Ambient Temperature / Humidity	0° - 40°C / 10% - 90% Non condensed
Noise Level (dB)	< 50 dB
Output Receptacle	2 x Schuko CEE 7/3
Dimension D x W x H (mm)	312 x 310 x h167
Net Weight (kg)	7.6

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