



36

YEARS  
OF LEADERSHIP  
IN TECHNOLOGY

PROUDLY  
MADE  
IN  
INDIA



**36+** | YEARS OF TRUST  
COUNTRY PRESENCE  
GLOBAL OEM BRANDS MANUFACTURER

# EMPOWERING A GREENER TOMORROW

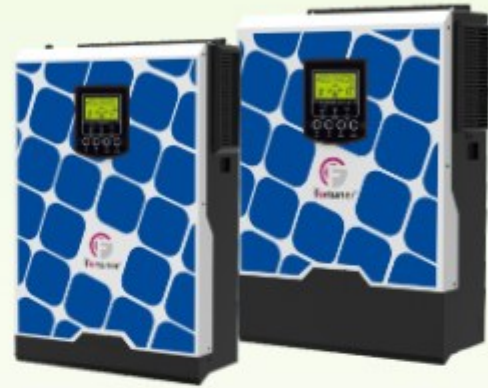
THE COMPANY WITH OVER FOUR DECADES  
OF MANUFACTURING EXPERTISE AND INNOVATION

# SMART MPPT INVERTER (Off Grid)

## COMPATIBLE WITH LI-ION BATTERY

FORTUNER Smart MPPT Inverter with Li-Ion batteries is designed for systems where every watt counts, and the life of the battery is important to keep the system running for years.

These inverters make optimal use of sunlight, generate the highest amount of energy, reduce the system payback period, and come with future-proof technology.



MODEL	HOME PRO FR Premium 3K	INDUSTRY PRO FR Premium 5K	FR BP TWIN 8K	FR BP TWIN 11K
RATED POWER	3000VA/3000W	5000VA/5000W	8000VA/8000W	11000VA/11000W
PARALLEL CAPACITY	Yes, 6 Units			
<b>INPUT</b>				
Voltage	230 VAC			
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)			
Frequency range	50 Hz/60Hz ( Auto Sensing)			
<b>OUTPUT</b>				
AC Voltage Regulation ( Batt.Mode)	230VAC $\pm$ 5%			N/A
Surge Power	6000 VA	10000 VA	16000 VA	22000 VA
Efficiency (Peak)	93%			
Transfer Time	10ms (For Personal Computers), 20ms (For Home Appliances)			
Waveform	Pure Sine Wave			
<b>BATTERY</b>				
Battery Voltage	24 VDC	48 VDC	48 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC	54 VDC	54 VDC
Overcharge Protection	32 VDC	63 VDC	66 VDC	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>				
Solar Charger Type	MPPT			
Maximum PV Array Power	3000 W	5000 W	8000W ( 4000W X 2)	11000W ( 5500W X 2)
MPPT Range @ Operating Voltage	60~400 VDC	120~450 VDC	90~450 VDC	90~450 VDC
Maximum PV Array Open Circuit Voltage	450 VDC	500 VDC	500 VDC	500 VDC
Maximum PV Input Current	27A X 2 (MAX 40A)			
Maximum Solar Charge Current	100 A	100 A	120 A	150 A
Maximum AC Charge Current	80 A	100 A	120 A	150 A
Maximum Charge Current	100 A	100 A	120 A	150 A
<b>PHYSICAL</b>				
Dimension, DXWXH (mm)	110 X 288 X 390	120 X 300 X 440	147.4 x 432.5 x 553.6	
Net Weight (Kgs)	7.2	10	18.4	
Communication Interface	RS232/RS485, Optional WiFi		USB/RS232/RS485/WIFI/Dry- Contact	
<b>OPERATING ENVIRONMENT</b>				
Humidity	5% to 95% Relative Humidity (Non- Condensing)			
Operating Temperature	-10° C to 50° C			
Storage Temperature	-15° C to 60° C			
<b>STANDARD</b>				
Compliance Safety	CE			