

FORTUNER PREMIUM SERIES Off-Grid Inverter



- Pure sine wave solar inverter
- Reserved communication port for BMS
- Wide PV input range
- Battery independent design
- Maximum charging current 100A
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit

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MODEL	HOME PRO FR Premium 3K	INDUSTRY PRO FR Premium 5K
Rated Power	3000VA/3000W	5000VA/5000W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)		
Surge Power	6000VA	10000VA
Efficiency (Peak)	93%	
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	32 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type		
Maximum PV Array Open Circuit Voltage	450 VDC	500 VDC
Maximum PV Array Power	3000W	5000W
MPP Range @ Operating Voltage	60 ~ 400 VDC	120 ~ 450VDC
Maximum Solar Charge Current	100 A	100A
Maximum AC Charge Current	80A	100A
Maximum Charge Current	100A	100A
PHYSICAL		
Dimension, D x W x H (mm)	110 x 288 x 390	120 x 300 x 440
Net Weight (kgs)	7.2	10
Communication Interface	RS232/RS485, optional WiFi	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

Product specifications are subject to change without further notice.