



# SOLAR

HOME & INDUSTRIAL UPS

## FR 700/12V



Fortuner  
Introducing  
New Series  
**Fusion**  
DSP PURE SINE WAVE  
Inverter/UPS

### SOLAR HYBRID PURE SINE WAVE HOME & INDUSTRIAL UPS:

Fortuner UPS provide 100% pure Sine Wave Output which runs fans, tube lights without humming sound and ensures safe & smooth operations for sophisticated appliances



T1/T2  
SELECTOR SWITCH



PCU/HYBRID  
SELECTOR SWITCH



NORMAL/UPS  
SELECTOR SWITCH



## Technical Specifications

Model	FR700
Battery Voltage	12V
Technology	DSP Based Full Bridge Topology
Input/Output Phase	Single Phase
Out Voltage on Inverter Mode	220 $\pm$ 2%
Output Frequency on Inverter Mode	50Hz $\pm$ 0.1Hz
Changeover Time UPS Mode	<10 ms
Changeover Time Mains Mode	<30 ms
Changeover Mains to UPS and UPS to Mains	Automatic
Output Waveform on Backup Mode	Pure Sine Wave
THD	<3% (On Resistive/Linear Load)
Efficiency*	>80%
Charger	CCCV Charger
Charging Current	Up to 15Amp*
Surge Load Capacity	300%
Input Voltage (UPS)	170-260+/-10V
Input Voltage (INV)	100-290+/-10V
Output Voltage on Mains Mode	Same as Input
Output Frequency on Mains Mode	Same as Input
<b>SOLAR CHARGER*</b>	
System Battery Voltage	12V
Maximum Connected Panel Array VOC	30V
Maximum Panel Current	40Amps.
Suggested Solar Panel Watt Power*	600
<b>DISPLAY, PROTECTIONS AND INDICATIONS</b>	
Display	16x2 Alpha Numeric LCD Display with LED Indications
Display Parameters	Output Power (Watt), Mains AC Voltage, Output AC Voltage, Temperature (Deg C), Battery Voltage, Charging (Amp)
Protections with Buzzer Indications	Low Battery, Overload, Short Circuit, Over Temperature
Auto Reset Features	Yes

## Applications



### PROTONIX FORTUNER INDIA PVT. LTD.

(Formerly Known as M/s Protonics Systems India Pvt. Ltd.)

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