



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

POWER INVERTERS

HOME & INDUSTRIAL

FORTUNER Power Inverters are designed exclusively to meet varied needs for Homes, Offices, Institutions, Hospitals, Industrial applications, and many others to name all.

These power inverters are Pure Sine Wave Inverters and are designed to be used as UPS for computer applications or as normal Inverters for home appliances.

These inverters are available in single-phase and three-phase and are highly efficient even in the most critical conditions. Their selectable UPS/INV function along with Battery type selection (SMF/Tubular) feature makes them highly user-friendly and ensures maximum power utilization, battery life enhancement and long power backups.

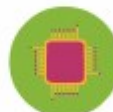


Our Salient Features

- User-Friendly - Selectable HYBRID/PCU Function.
- Highly Efficient - Saves electricity and Enhances Battery Life.
- Flexibility - Easy to switch over UPS/INVERTER mode.
- Extra Power & Longer Backup - Much better than its other counterparts
- Longer life - The Pure sine wave technology protects appliances and other sensitive electronic devices.



TUBULAR / SMF, to Enhance the battery Life & Backup



DSP based control guarantees high Reliability & Fast processing



Intelligent Power full Grid Charging for speedy Charging of Batteries.



Extra Power & longer backup from the same Battery in comparison to other low efficiency inverters.



Unique onsite parameter setting features provide the flexibility to change the UPS / INVERTER operating Parameter as per site conditions.



LCD Display displays all Inverter parameters like: Battery & Mains Input and Output, Charging Current & Load Power parameters, which makes our inverters very user friendly.



Sine wave Inverters gives the same current which you get from power grid, in comparison to square wave inverters. Pure Sine Wave protects and gives longer life to all Home appliances and sensitive Electronic devices.



Durable Design to sustain all type of Power fluctuations and fully protect the connected equipments.

TECHNICAL SPECIFICATIONS

Model	FR100,FR400 FR500,FR700 FR900,FR1200	FR1700 FR2200 FR2500 FR3000	FR2500 FR3000 FR3500 FR5000	FR5000 FR6000 FR7500	FR10K FR12K FR15K	FR3P10K, FR3P12K FR3P15K, FR3P20K FR3P25K, FR3P30K
Battery Voltage	12V	24V	48V	96V	120V, 180V, 240V	Customized*
Technology	DSP Based Full Bridge Topology					
Input/Output Phase	Single Phase				Three Phase	
Output Voltage on Inverter Mode	220 ± 2%				220 ± 2% Per Phase	
Output Frequency on Inverter Mode	50Hz ± 0.1Hz					
Changeover Time UPS Mode	<10 ms				NA	
Changeover Time INV Mode	<30 ms				<40 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%			>85%		
Charger	CCCV Charger					
Charging Current	Up to 15Amp*			Up to 20Amp*		
Surge Load Capacity	300%					
Input Voltage Range (UPS mode)	170-260+/-10V			NA		
Input Voltage Range (INV mode)	100-290+/-10V			160-260+/-10V		
Output Voltage on Mains Mode	Same as Input					
Output Frequency on Mains Mode	Same as Input					
DISPLAY, PROTECTIONS AND INDICATIONS						
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



Telecom



UPS

Emergency
Lighting

Security



Utility



Railways



Photovoltaic



Universal