



SOLAR

HOME & INDUSTRIAL UPS

FR 1700/24V



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	F1700
Battery Voltage	24V
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
SOLAR CHARGER*	
System Battery Voltage	24V
Maximum Connected Panel Array VOC	50V
Maximum Panel Current	40Amps.
Suggested Solar Panel Watt Power*	1200
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



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