

HOME UPS								
Technical Specs								
Parameters	Units	Rating						
Model		700	950	1250	1650	2550	3550	5550
Operating DC Voltage	V	12	12	12	24	24	48	48/96
Battery								
Low cut off	V	10.5						
Low Buzzer	V	10.7						
High cut off	V	15.5						
Boost Charging Volt by Grid	V	14.2						
Float Charging Volt by Grid	V	13.5						
Charging current by Grid	A	10						
Grid								
No of Phase		1Phase-3Wire P,N,E						
Voltage range	V	100-280(Inverter)						
Voltage range	V	175-255(UPS)						
Frequency range	Hz	47 - 53						
Inverter								
Switching Element		MOSFET						
Control		PWM						
Output voltage	V	230						
Phase		1Phase-3Wire P,N,E						
Output Waveform		Pure Sinewave						
Frequency	Hz	50						
Output Power factor		0.8						
Voltage regulation	%	1						
Output voltage THD	%	<3						
Overload		110%(250ms)						
Peak Efficiency	%	85%						
Noise @ 1 meter	dB	60						
SWITCH		System ON/OFF,SMF/TUBULAR SELECTION,INV/UPS SELECTION						
LCD Display Parameter		Battery voltage, Batt. Charging Current,Input Voltage, Input Frequency,Output Voltage, Output Frequency Load Percentage,Status Window & Timer Window						
Indication		INV ON, BATT LOW/HIGH, OVERLOAD, CHARGING, Mains ON						
Alarm		Batt Low, Overload,Charger ON						
Protection		Overload,Short Circuit Protection,Over Voltage,Input Surge and Transient protection (MOV Varistors,Reverse Polarity of Battery,Over temperature Protection,under voltage and over voltage Protection						
Cooling		Forced Air cooling(Temp Controlled)						
Operating Temp	C	0-50						
Operating Humidity	%	95						
Protection class		IP20						