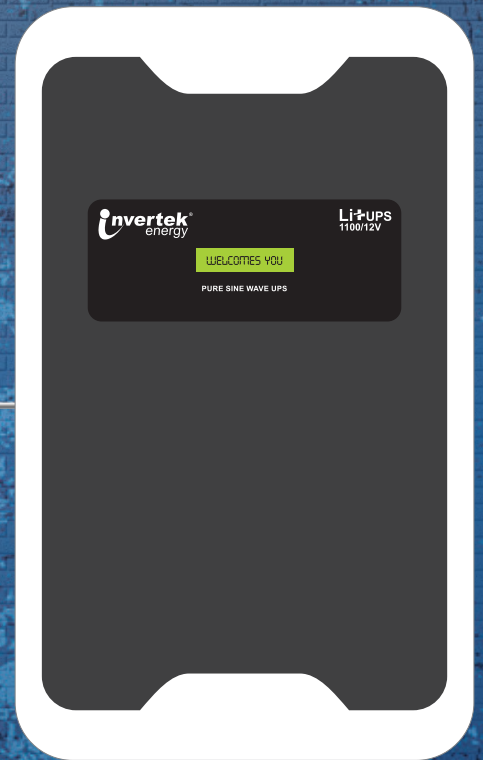


MADE IN INDIA

inverttek[®]
energy

INTRODUCING
WALL MOUNTED LITHIUM-ION
Li+UPS 1100/12V



All in One Home
POWER STATION



Fast Charging
Battery Charging
in 4:30hours



70V Charging
Even at Low Voltage



Built in BMS
Automatic Low & High
Battery Cut-out



Long Cycle Life
5000 cycle life under normal
operating conditions



Protection 24x7
Over-load & Short
Circuit



Back-up Time
3:15 Min. @400W LFP-PC
100Ah, 1280Wh

www.invertetekenergy.com | info@invertetekenergy.com

TECHNICAL SPECIFICATIONS

MODEL	1100	2500	5000
DC BUS	12V	24V	48V
NO LOAD CURRENT	< 1.2 A		
OUTPUT VOLTAGE @ NO LOAD	< 240VAC @12.0 VDC	< 240VAC @24.0 VDC	< 240VAC @48.0 VDC
BATTERY LOW ALARM	10.7 +/- 0.2V	21.4 +/- 0.4V	42.8 +/- 0.8V
BATTERY LOW SHUTDOWN	10.5 +/- 0.2V	21.0 +/- 0.4V	42.0 +/- 0.8V
SHORT CIRCUIT PROTECTION	YES		
INVERTER OUTPUT FREQUENCY	50 HZ +/- 0.1 Hz		
PARAMETERS	UPS MODE		
MAINS INPUT VOLTAGE RANGE	170V TO 265 V		
MAINS AC LOW CUT	170VAC +/- 10VAC		
MAINS AC LOW CUT RECOVERY	180VAC +/- 10VAC		
MAINS AC HIGH CUT	265VAC +/- 10VAC		
MAINS AC HIGH CUT RECOVERY	255VAC +/- 10VAC		
MAXIMUM CHANGE OVER TIME	< 8 msec		
PARAMETERS	WIDE UPS MODE		
MAINS INPUT VOLTAGE RANGE	90V TO 290 V		
MAINS AC LOW CUT	90VAC +/- 10VAC		
MAINS AC LOW CUT RECOVERY	110VAC +/- 10VAC		
MAINS AC HIGH CUT	290VAC +/- 10VAC		
MAINS AC HIGH CUT RECOVERY	280VAC +/- 10VAC		
MAXIMUM CHANGE OVER TIME	< 18 msec		
PARAMETERS	CHARGING MODE		
CHARGING CURRENT @ 220V AC	25 Amp		
BOOST VOLTAGE (TUBULAR MODE)	14.4V +/- 0.2V	28.8V +/- 0.4V	57.6V +/- 0.8V
BOOST VOLTAGE (LEAD ACID MODE)	14.0V +/- 0.2V	28.0V +/- 0.4V	56.0V +/- 0.8V
FLOAT VOLTAGE	13.6V +/- 0.2V	27.2V +/- 0.4V	54.4V +/- 0.8V
SHORT CIRCUIT	YES		
PROTECTIONS			
BATTERY LOW CUT OFF	1 TIME		
OVERLOAD (AUTO RETRIES)	4 TIME		
SHORT CIRCUIT (AUTO RETRIES)	3 TIME		
OVER TEMPERATURE	3 TIME		
BATTERY OVER CHARGE	YES		
INPUT PROTECTION	YES (MAINS MCB TRIP IN CASE OF SHORT CIRCUIT IN MAINS MODE)		
ENVIRONMENT			
STORAGE TEMPERATURE	0 TO + 40 C		
OPERATING TEMPERATURE	0 TO + 40 C		
HUMIDITY	0-95% NON-CONDENSING		
ACOUSTIC NOISE (at 1 mts)	< 45dB from 1 METER		
PROTECTION GLASS	IP-20		

Manufactured & Marketed by :

INVERTEK ENERGY SOLUTIONS PVT. LTD.

Address: GF, Plot No. 445 Kh. No. 9/20,10/16, Laxmi Vihar, Najafgarh,
Near DTC Bus Depot Dichaon Kalan, UER2 Expressway, West Delhi-110043 (INDIA)

Customer Care Number - 9311369797