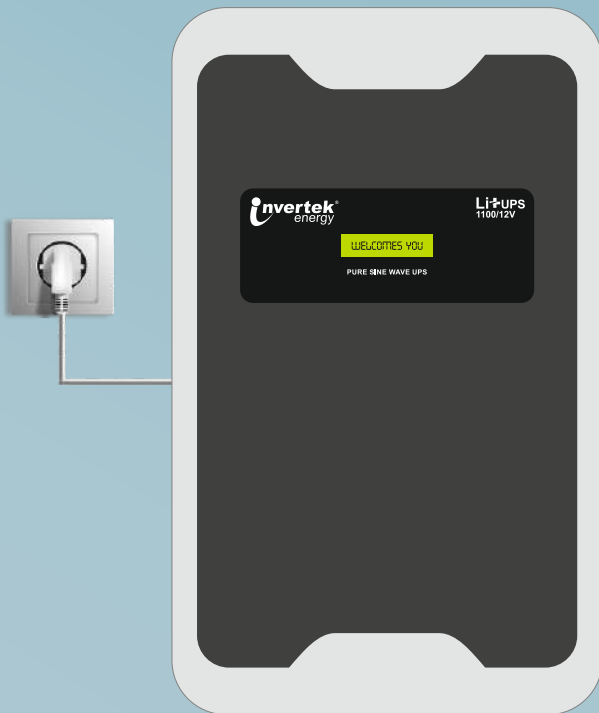


MADE IN INDIA



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



HOME Power Station
All in one



Fast Charging
Battery Charging
in 4:30 hours



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

TECHNICAL SPECIFICATIONS

| MODEL | | Li+ UPS - 1100/12V |
|--------------------------------------------------------------|--|-------------------------------------------------------------|
| DC BUS | | 12V |
| OUTPUT VOLTAGE @ NO LOAD | | < 240VAC @12.0 VDC |
| SHORT CIRCUIT PROTECTION | | YES |
| INVERTER OUTPUT FREQUENCY | | 50 HZ ± 01 Hz |
| PARAMETERS | | UPS MODE |
| MAINS INPUT VOLATGE 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 VOLATGE 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 | | 25A |
| 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 INCASE OF SHORT CIRCUIT IN MAINS MODE) |
| ENVIRONMENT | | |
| STORAGE TEMPERATURE | | 0 TO + 40 C |
| OPERATING TEMPERATURE | | 0 TO + 40 C |
| HUMIDITY | | 0-95% NON-CONDENSNG |
| ACOUSTIC NOISE (at 1 mts) | | < 45DB from 1 METER |
| BATTERY | | |
| BATTERY TYPE | | LiFePO4 |
| RATED VOLTAGE (V) | | 12.8 |
| RATED CAPACITY (AH) | | 100Ah |
| SOFTWARE BMS | | 4S 80Amp |
| NO. OF CELLS IN SERIES & PARALLEL CONNECTION | | 4S1P |
| RATED ENERGY (WH) | | 1280 |
| TOTAL NO. OF CELLS | | 4 |
| CHARGE AND DISCHARGE CUT-OFF VOLTAGE (V) | | 11.8~13.8V |
| CHARGING MODE | | CC-CV |
| STANDARD DISCHARGING CURRENT (A) | | 65 |
| ALLOWED DEPTH OF DISCHARGE | | 80% |
| CYCLE LIFE [80%DOD, 25°C, @0.5°C CHARGE AND 0.5°C DISCHARGE] | | Upto 5000 Cycles |
| PROTECTION CLASS | | IP-20 |

Manufactured By:

INVERTEK ENERGY SOLUTIONS PVT. LTD.

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