

Product Date Sheet

HUNT-3U-4850

HUNT-3U-4850 Lithium iron phosphate battery



Specifically designed for hybrid power in Unstable Power Networks to overlap continues and unpredictable Power Blackouts.

In these Bad and Off grid networks there will be a great impact on BTS uptime 24/7 and Operators revenue will increase drastically!

- Space-efficiency with 3U height
- Long cycling life 4,000 times cycling @ 50% DOD @25°C
- ultra-fast re-charging time
- Excellent deep discharge performance, up to 80% capacity
- built-in BMS
- Minimize fuel and save running time on DG operated sites
- Capable of uncontrolled Partial State of Charge (PSOC) operation without running down in capacity

Product Date Sheet

HUNT-3U-4850

Technical Specifications

Nominal Voltage	48 V
10 hr capacity to 1.80 Volts/Cell@20°C	50 Ah
Nominal Energy	2400 Wh
Energy Density Gravimetric	106.7 Wh/KG
Energy Density Volumetric	190.5 Wh/L

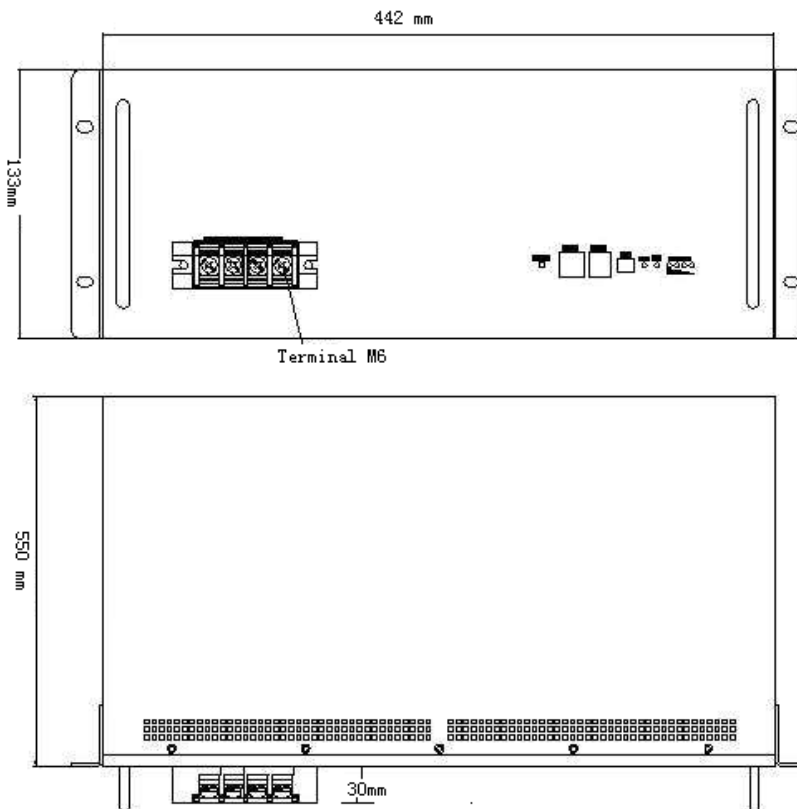
Dimension

Height	442 mm(17.4 in)
Width	133 mm(5.2 in)
Depth	550 mm(21.7 in)
Depth of terminal	30 mm (1.2 in)
Weight	39.2 KG (86.4 lb)

Operation Conditions (Controlled by BMS)

Floating charge Voltage	53~54 V
Boost charge Voltage	55~56.4 V
Charge Current	10 A (Max 25 A)
Discharge Voltage	40 V~56.4 V
Charge Temperature Limits	-20~+65°C
Discharge Temperature Limits	-20~+65°C

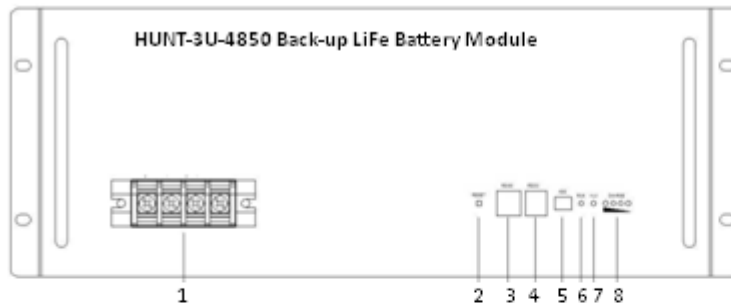
Drawings



- HUNT-3U-4850 can be parallel connected to achieve maximum 2000Ah.
- It can easily space a battery bank of 600Ah by 12 units.

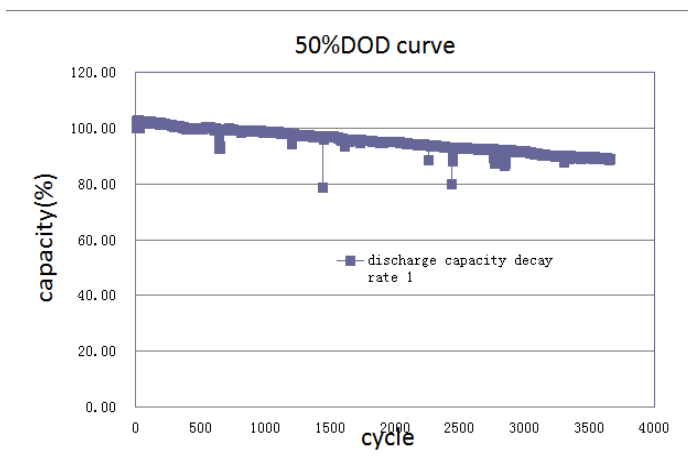
Product Date Sheet

HUNT-3U-4850



- | | |
|--|--|
| 1 – power interface | 5 – Address Dial Number(ADD) |
| 2 – “RESET” and “POWER” key | 6 – Run light, indicate system operation state |
| 3 – Cascading Telecommunication(RS485) | 7 – Alarm light(ALM) |
| 4 – Up-link communication(RS232) | 8 – battery capacity light(SOC) |

Performance under 50% DOD @25°C



- Apply 4,000 times cycling @ 50% DOD @25°C, which is **6 times longer than normal lead-acid battery**(which is 675 times)

General Lead-acid battery

