



# HiBAY Battery

- Stacked design, extendable to **20.5kWh** per unit
- Wide temperature tolerance **-20°C ~ 60°C**
- CAN/RS485 Communication
- Safe LFP battery cell
- Easy to install, simple connection
- Low maintenance requirement
- Certified product



\* All pictures shown are for reference only, actual appearance may vary.

## LINK YOUR SUSTAINABLE LIFE

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## DATASHEET

| Models                             | HiBAY-10                                                          | HiBAY-13     | HiBAY-15     | HiBAY-18     | HiBAY-21     |
|------------------------------------|-------------------------------------------------------------------|--------------|--------------|--------------|--------------|
| TECHNICAL DATA                     |                                                                   |              |              |              |              |
| Total energy [kWh]                 | 10.24                                                             | 12.8         | 15.36        | 17.92        | 20.48        |
| Usable energy [kWh]*①              | 8.96                                                              | 11.2         | 13.44        | 15.68        | 17.92        |
| Battery module [kWh]               | 2.56 (51.2V 50Ah 31kg)                                            |              |              |              |              |
| Number of modules                  | 4                                                                 | 5            | 6            | 7            | 8            |
| Battery type                       | LFP (LiFePO4)                                                     |              |              |              |              |
| Nominal voltage [V]                | 204.8V                                                            | 256          | 307.2        | 358.4        | 409.6        |
| Operating voltage range [V]        | 192-230.4                                                         | 240-288      | 288-345.6    | 336-403.2    | 384-460.8    |
| Constant dis-/charge current [A]*② | 50/35                                                             |              |              |              |              |
| Communication                      | CAN/RS485                                                         |              |              |              |              |
| Storage temperature [°C]           | Within 1 month: -20~ +60; 1-3 months: 0~+35; 3-12 months: +20~+25 |              |              |              |              |
| Operating temperature range [°C]   | Charge: 0~+45 ; Discharge: -20~+60                                |              |              |              |              |
| Relative humidity [%]              | 0-95                                                              |              |              |              |              |
| Ingress protection rating          | IP55                                                              |              |              |              |              |
| Weight [kg]                        | 140.5                                                             | 171.5        | 202.5        | 233.5        | 264.5        |
| Dimensions (W*H*D) [mm]            | 578*278*1000                                                      | 578*278*1193 | 578*278*1386 | 578*278*1579 | 578*278*1772 |
| Mounting method                    | Ground mounted                                                    |              |              |              |              |
| STANDARD                           |                                                                   |              |              |              |              |
| Safety&EMC                         | IEC 62619, IEC 63056, EN/IEC 62477-1, EN/IEC 61000-6-1/3          |              |              |              |              |
| Transport                          | UN38.3                                                            |              |              |              |              |

① DOD varies with temperature and other related condition. System usable energy may vary with different inverter.

② Nominal dis-/charge current and power derating will occur related to temperature and SOC.

- \* All specifications are subject to change without notice.
- \* All pictures shown are for reference only, actual appearance may vary.
- \* Please visit Linsum website for the latest certificates.