



HiBAY Battery

- Stacked design, extendable to **20.5kWh** per unit
- Wide temperature tolerance **-20°C ~ 50°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



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	2.56kWh (51.2V 50Ah 30.5kg)				
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	50/50	50/50	50/50	50/50	50/50
Communication	CAN / RS485				
Storage temperature	Within 1month: -20°C ~ 60°C; 1 - 3months: 0 °C~ 35°C; 3 - 12months: 20°C ~ 25°C				
Operating temperature range	Charge: 0°C ~ +45°C; Discharge: -20°C ~ +50°C				
Relative humidity	0 ~ 95%				
Ingress protection rating	IP65				
Max. scalable No. in parallel	3				
Weight[kg]	137	167.5	198	228.5	259
Dimensions(W*H*D)[mm]	578*278*1023	578*278*1215.6	578*278*1408.2	578*278*1600.8	578*278*1793.4
Mounting method	Ground mounted				
STANDARD					
Safety&EMC	IEC62619 (Cell&Pack), CE, CEC, RCM,				
Transport	UN38.3				

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

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

* All specifications are subject to change without notice.

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* Please visit Linsum website for the latest certificates.