



**0.43**  
Crate Continuous Power

**10**  
Year Warranty

**50**  
Units Stackable

**20**  
IP20 for Indoor Use

**WiFi**  
Free Monitor

## FEATURES

- WiFi / Bluetooth available.
- Parallel up to 50 modules.
- Auto addressing when parallel.
- Wide range inverter compatibility.
- 0.43C rate continuous charge/discharge.
- Ultra safe LFP material, 10 year warranty.
- Handy monitor & flexible remote upgrade.
- Second level protection, robust applications.
- Smart BMS management for longer lifespan.
- Quality design for robust applications.
- Heating system & Fire suppression optional, designed for extreme weather.



 Guiyang, China

 info@hinaess.com

 www.hinaess.com



## Model Name

## Hi-11.8

Cell Type	LFP
Rated Energy	11.776kWh
Rated Capacity	230Ah
Rated Voltage	51.2V
Charge Voltage (Vdc)	57.2V
	100(max continuous)
Battery Charge Current(A)	102(start limit current to 10A, retest every 10 minutes) 105(peak1 15S), 110(peak2 500ms)
	100(max continuous)
Battery Discharge Current(A)	104(start giving over-current alarm but not stop discharging) 105(peak1 5minutes), 150(peak2 500ms)
Parallel	Up to 50 units parallel w/o extra device needed, 256 units parallel with hub, slave battery drops offline or come back alive does not affect system running
IP Level	IP20
Dimension(W*D*H,mm)	396*229*600mm
Weight	81Kg
Communication	CAN/RS485
Robust Applications	Auto-addressing and stronger protection
Cycles	6000
Compatible Inverter	Victron, Luxpower, Deye, Voltronic, SMA, Ingeteam, Goodwe, Growatt, Solis, Sofar, Solark, SRNE, Must
Humidity	5%~85% RH (No condensation)
Work Temperature	-20 °C ~ +55 °C
Dod	90%
Remote Maintenance	Flexible remote monitor and maintenance, Original firmware backup to prevent upgrade failure
Warranty *	10 year, 6000 cycles
Certification	CE UN38.3 IEC62619
Protection	Over charge/discharge/current/voltage/temperature protection Short circuit protection, Reverse connection protection, Charge balance, Low SOC protection

\*@ 25°C, 90% Dod, 0.5C testing condition