HINAESS
TOGETHER FOR A BLUE FUTURE



Hi-5

5.12kWh V3



Tesla Solar SA

GET AWAY

FROM LOAD SHEDDING



FEATURES

1C Continuous Power

10 Year Warranty

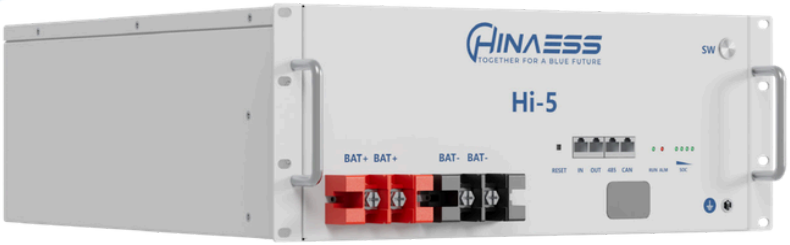
50 Units Stackable

WiFi Free Monitor

- WiFi / Bluetooth available
- Short circuit protection
- Wall-mount brackets included
- Flexible remote upgrade, monitor
- Wide range inverter compatibility
- Parallel up to 50 modules
- 1C rate continuous charge/discharge
- Multi protection to avoid over discharge
- Smart BMS management for longer lifespan
- Quality design for robust applications
- 10 year warranty, Ultra safe LFP materialFire suppression built-in, heating system optional

Guiyang, China
info@hinaess.co
m w w
w.hinaess.com

Together
For a Blue Future



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Model	Hi-5
Cell Type	LFP
Rated Energy	5.12kWh
Rated Capacity	100Ah
Rated Voltage	51.2V
Charge Voltage	57.2V
Max Charge/Discharge Current	100A
Discharge Peak Current	105A / 15s, 150A / 0.5s
Parallel	Up to 50 units parallel w/o extra device needed, 256 units parallel with hub, slave battery drops o ine or come back alive does not affect system running
IP Level	IP20
Dimension	438*165*546mm
Weight	**49.4Kg**
Communication	CAN/RS485
Compatible Inverter	Victron, Luxpower, Deye, Voltronic, SMA, Ingeteam Goodwe, Growatt, Solis, Sofar, Solark, SRNE, Must
Humidity	5%~85% RH (No condensation)
Work Temperature	-20 ℃ ~ +55 ℃
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℃, 90% Dod, 0.5C testing condition