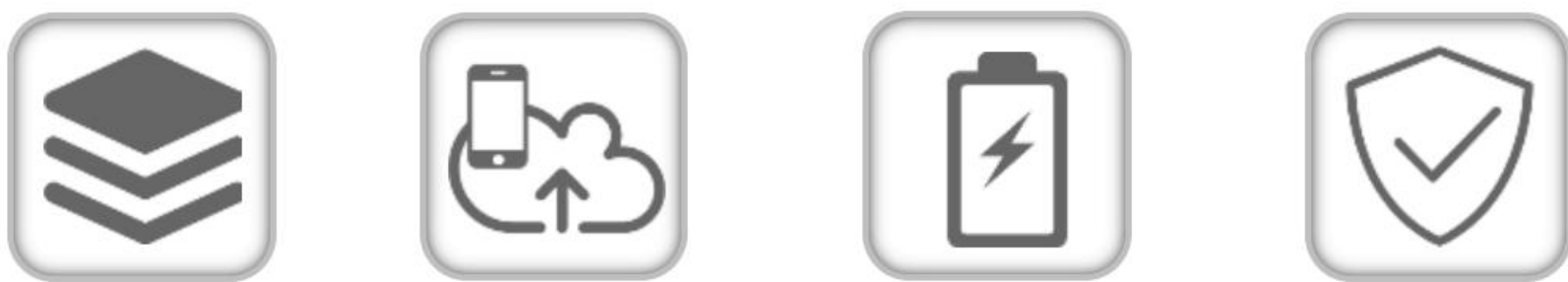


iCAN[®] Stack-Up Lithium Battery

UPGRADED INSTALLATION, BETTER PERFORMANCE



QUICK INSTALLATION

- **Firm stack-up structure:** ensure safety and saving in space
- **Modular design + quick coupler** for future capacity expansion

INTELLIGENT MONITOR

- **Ships with EMS module to realize real-time APP monitor** of battery: charge/discharge current, SoC, voltage, cycles, etc.

AUTOMATIC VOLTAGE WAKEUP

- **Automatic sleep and wakeup modes:** NO human intervention required

LONGRUN COST EFFICIENCY

- **SAVING at least 20%** than lead-acid batteries in \$/kWh performance

BUILT-IN BMS

- **All-round protections** for safety, reliability and endurance

BETTER PERFORMANCE

- **At least 5000 cycles (about 15yrs) at 80% DoD**

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UPGRADED INSTALLATION, BETTER PERFORMANCE

Nominal Voltage	51.2V
Nominal Capacity	108Ah
Nominal Energy	5530Wh
Internal Resistance	≤200mΩ
Life Cycle	>5000 cycles@0.5C 80%DoD
Monthly Self Discharge	<3%
Efficiency of Charge	99% @0.5C
Efficiency of Discharge	96~99% @1C
Charge Voltage	56.8V
Charge Current	54A
Max. Charge Current	100A
Charge Cut-Off Voltage	57.6V(configurable)
Discharge Current	54A
Max. Discharge Current	100A
Discharge Cut-Off Voltage	48V(configurable)
Charge Temperature	0°C to 45°C @60±25% relative humidity
Discharge Temperature	-20°C to 60°C @60±25% relative humidity
IP Rate	IP20
Weight	128lbs / 58kg
Dimension (L*W*H)	20.9in*17.3in*7.5in / 530mm*440mm*190mm
Terminal	ANDERSON-120 ^a Gray
Communication	RS485
Parallel	Up to ten
Protection	Over current / over temperature / over voltage / under voltage
Wakeup	Automatic voltage wakeup External 12VDC power source can be used to wakeup BMS after severe overdischarge.