

# Household Energy Storage Battery Scheme

10KWH/20KWH/30KWH/40KWH



40KWH



30KWH



20KWH



10KWH

## Features

CE

MSDS

UN38.3

### Deep cycle life

More than 6000 cycle times @80% DOD

### Modularization

It supports 15 pcs in parallel connection

### Easy to install and use

Plug and play to minimize the installation time and cost

### Communication

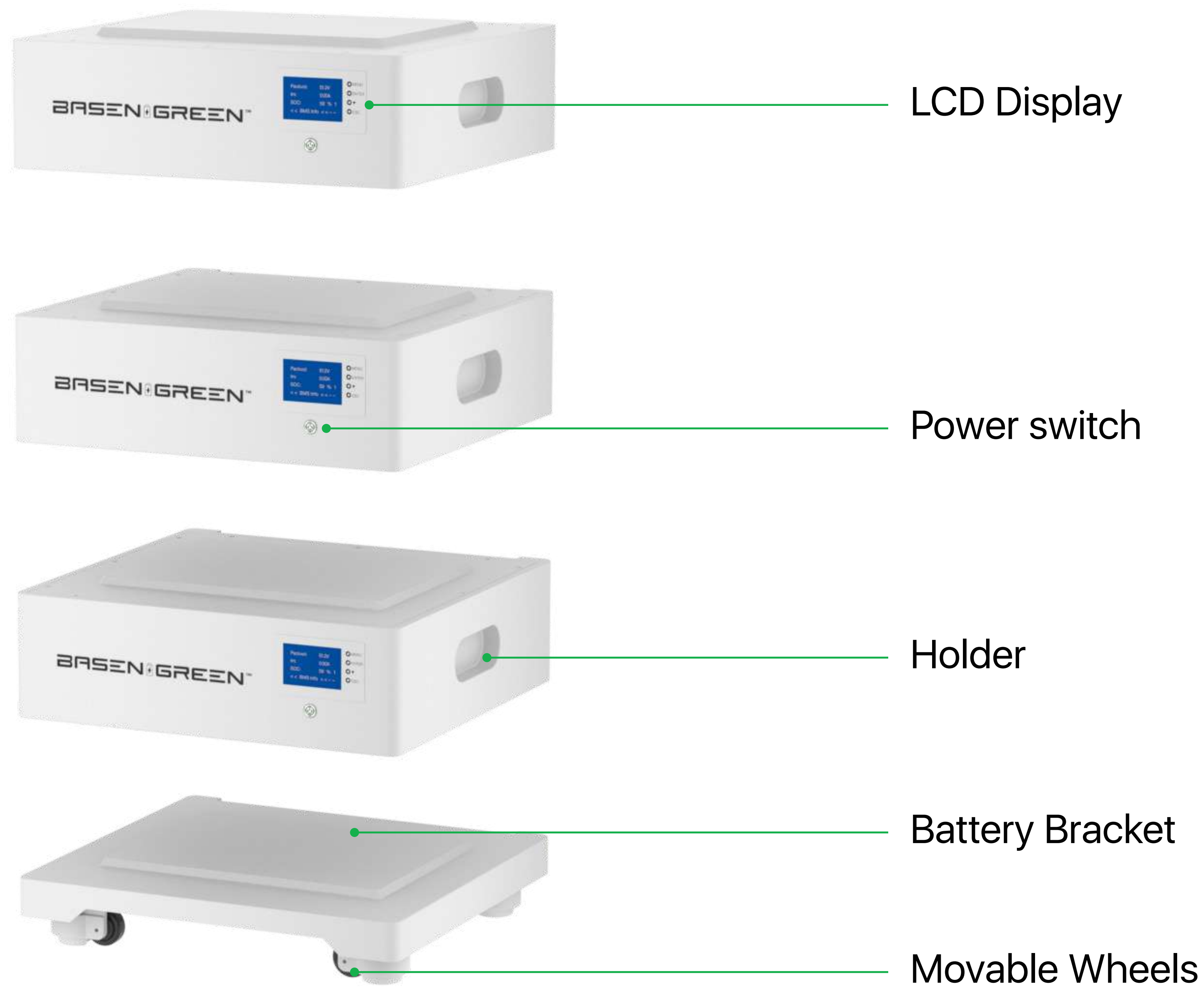
RS232,RS485 and CAN

### Intelligent BMS

Supported Bluetooth & Wifi function

### Compatibility

Compatible with most of the major brands hybrid inverters



Communication port: RS485/RS232/CAN

Positive terminal

Negative terminal



**Battery Specifications**

Model No	BR-BOX-LV 10KWH	BR-BOX-LV 20KWH	BR-BOX-LV 30KWH	BR-BOX-LV 40KWH
Battery Chemistry	LiFePO4 Battery ( Lithium iron Phosphate Battery )			
Rated Voltage	51.2V			
Operating Voltage Range	43.2V - 57.6V			
Charge /Discharge Cut-off Voltage	58.4V/43.2V			
Capacity	200Ah	400Ah	600Ah	800Ah
Energy	10kWh	20kWh	30kWh	40kWh
Max. Cont. Charge/discharge Current	200A			
Dimension	750*650*266mm	750*650*532mm	750*650*798mm	750*650*1064mm
Weight Approximate	110KG	220KG	330KG	440KG
Charge Temperature Range	0-45 °C (Optional: Under 0°C extra heating mechanism)			
Discharge Temperature Range	-20-60°C (Under 0°C work with reduced capacity)			
Storage Temperature Range	-40°C~55°C @ 60% ± 25% relative humidity			
Communication interface	RS232 / RS485 / CAN			
Compatible Inverters	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.			
Optional Accessories	Movable Base / Parallel Line(30cm) / RS485 Communication Line			