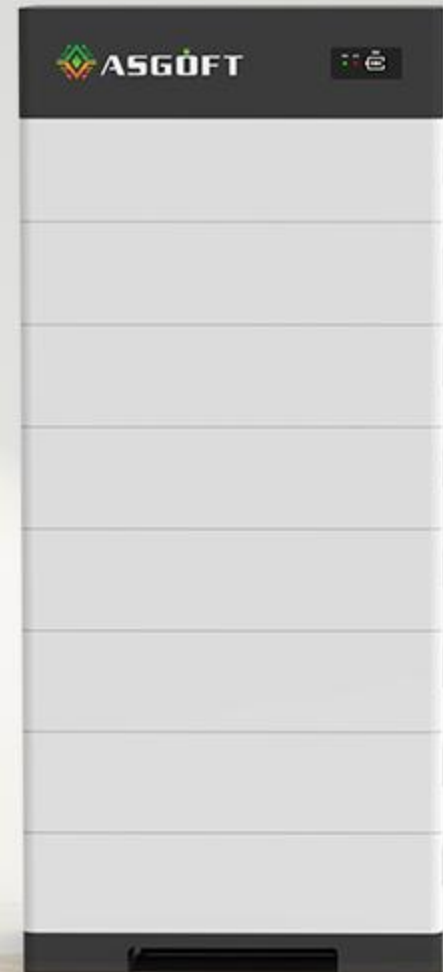


Stackable Energy Storage System

ASH-HESS-SERIES

- ◆ High Voltage Low Loss
- ◆ 153.6V - 409.6V 100Ah
- ◆ 15kWh-40 kWh Stackable (Optional)
- ◆ 5000 Cycles
- ◆ Battery Management System (BMS)



Model numbers are as below



(Wheel version is optional)



ASH-HESS-15 ASH-HESS-20 ASH-HESS-25 ASH-HESS-30 ASH-HESS-35 ASH-HESS-40

Model	Layers	Discharge cut-off voltage	Charge cut-off voltage	Rated Voltage	Output Power	Capacity	Size(mm)
ASH-HESS-15	3	120	175.2	153.6	15kWh	100Ah	610*386*650
ASH-HESS-20	4	160	233.6	204.8	20kWh	100Ah	610*386*795
ASH-HESS-25	5	200	292	256	25kWh	100Ah	610*386*940
ASH-HESS-30	6	240	350.4	307.2	30kWh	100Ah	610*386*1085
ASH-HESS-35	7	280	408.8	358.4	35kWh	100Ah	610*386*1230
ASH-HESS-40	8	320	467.2	409.6	40kWh	100Ah	610*386*1375

Product Features



High Voltage

153.6V-409.6V high voltage power, reduce current, improve conversion efficiency



Flexible Capacity Matching

15kWh 20kWh 25kWh 30kWh 35 kWh
40kWh available



Built In BMS

BMS management system, reduce equipment no-load loss, the actual use of more than 98% efficiency



Widely Application

Suitable for most mainstream brands of inverters



Cycle life 6000 times

Cycle life up to 7000 times @ 75% DOD, more than 5000 times @ 80% DOD

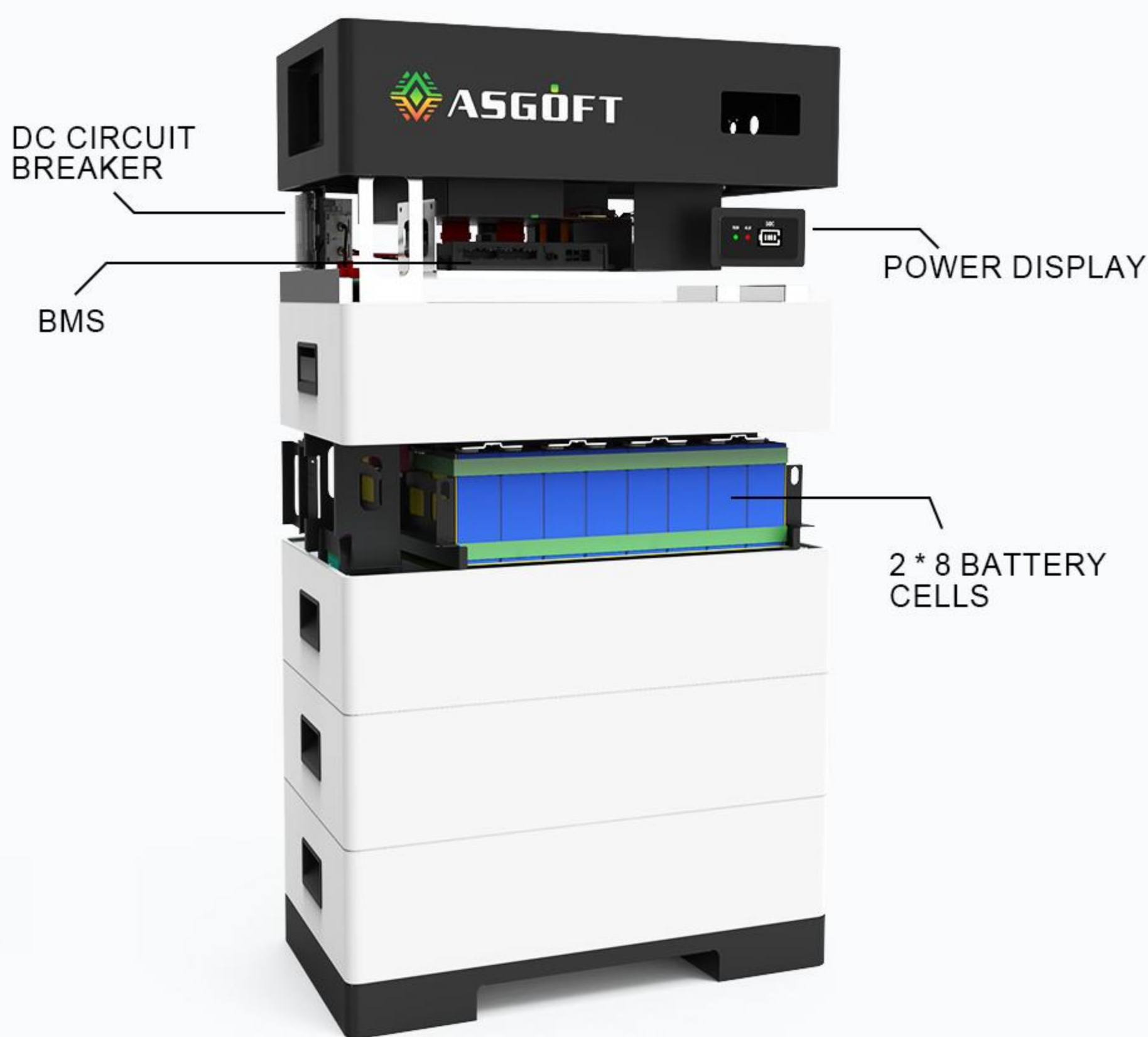


Grade A Cells

Made of high quality grade A cells

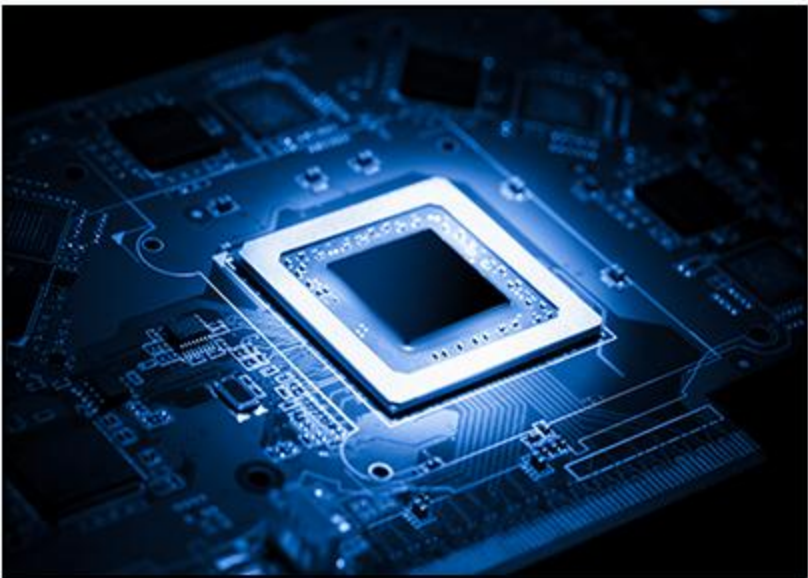
BMS management system

Each Battery Module Will be Monitored
By Smart BMS



BMS Management System

Intelligent BMS management system,
reduce the equipment no-load loss,
the actual use efficiency $\geq 98\%$



Short circuit
protection



Overcurrent
protection



Overvoltage
protection



Over-temperature
protection



Overcharge
protection



Balance of
Circuitry

Product Advantages

Home Energy Storage Battery



◆ Simple Installation

Wireless connection between modules and high voltage box, no complicated wiring

◆ Low Loss

Reduce discharge current, improve conversion efficiency

◆ Widely Adaptable to Inverters

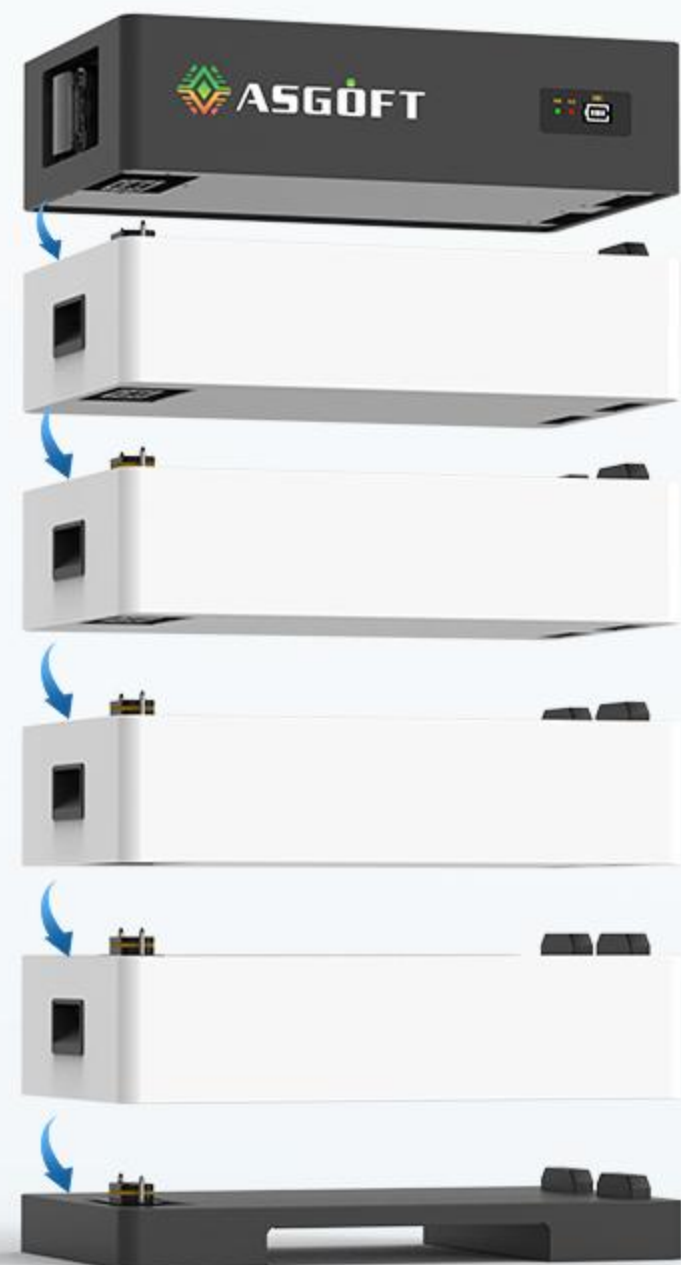
Suitable for most mainstream brands of inverters

◆ Compact Appearance

Smaller volume than similar products and the cost effectiveness is higher

Extremely Simple Installation

Wireless connection, using male and female plugs,without the need for complex acceptance steps, a 40kWh energy storage can be installed in 3 minutes!



High Votage Low Loss

EVE high energy density cells, high voltage, reduce discharge current, higher conversion efficiency

Reduce 30% Volume

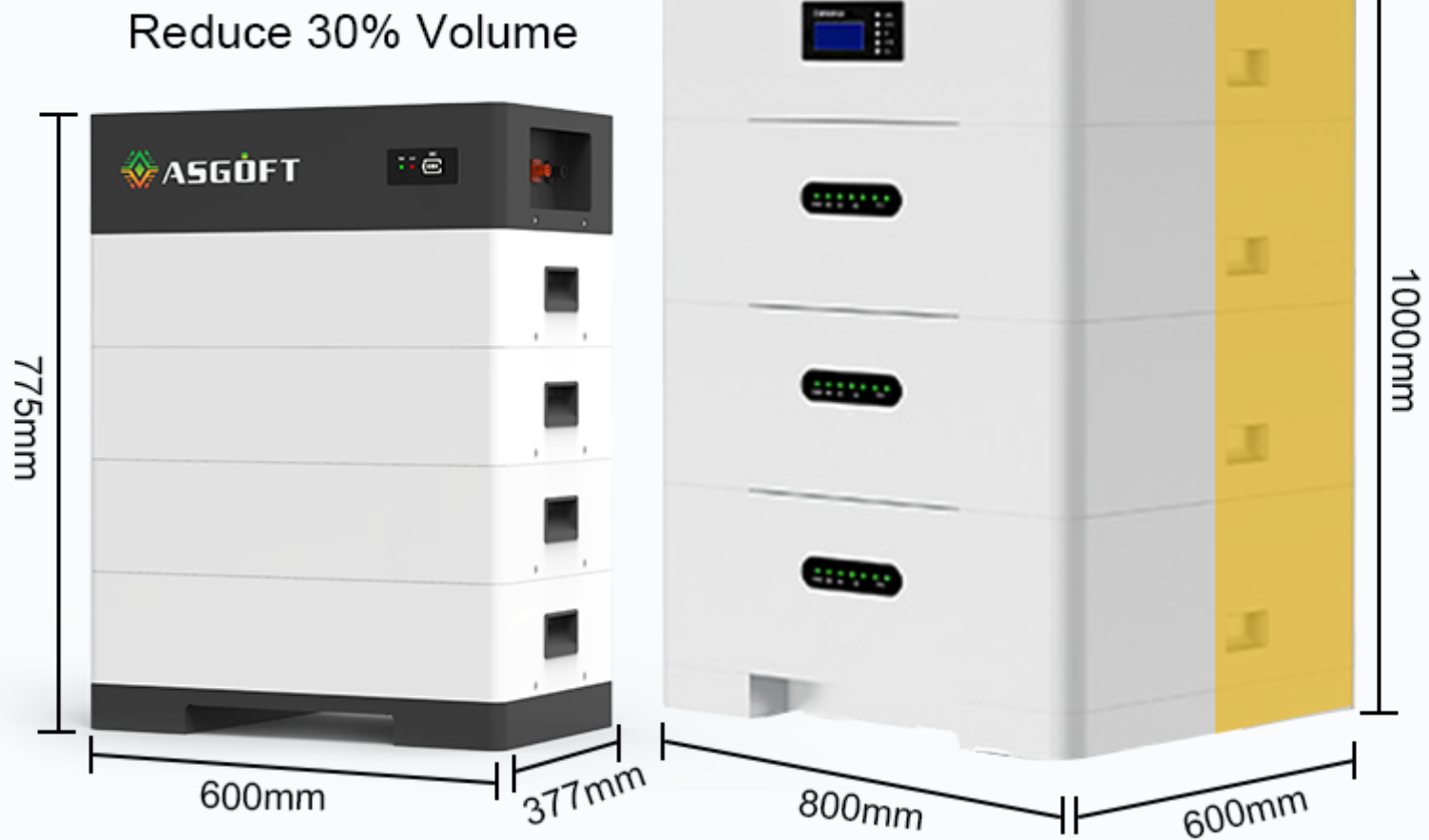
Adopting high energy density battery cell, together with the reasonable design of engineers, it reduces the volume by 30% compared with similar products.

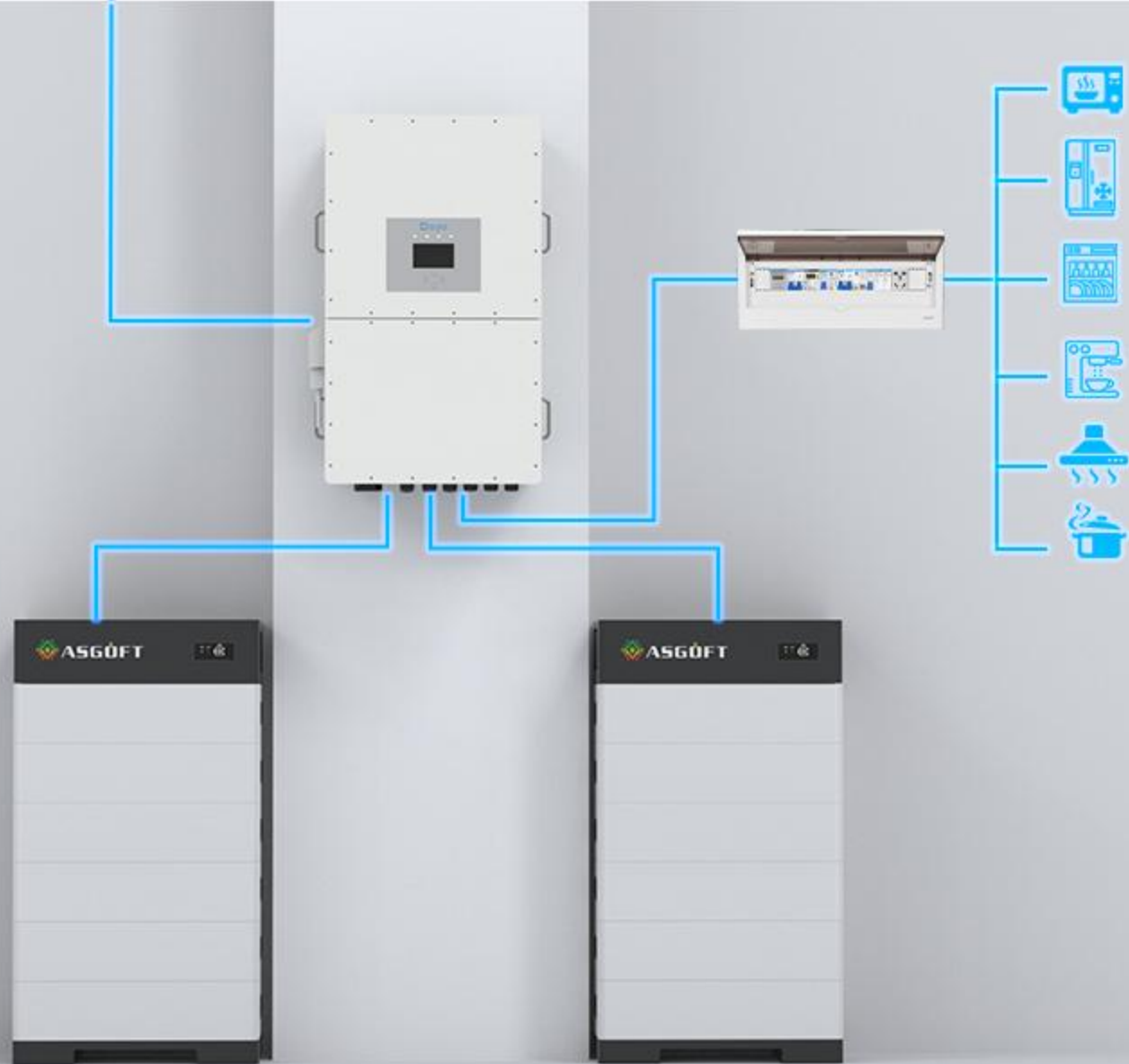
Ours

VS

Others

Others: 30% More Volume





Emergency Charging Station



Storm



Power Failure



Emergency



Camping



Blackouts



Outdoor

