BYD Wall-mounted Home Energy Storage Battery

7.83kWh 153Ah Blade Battery



Specifications

Model	ASH-51153
Battery Type	BYD $LiFePO_4$ Blade Battery
Rated capacity	7833Wh
Combination method	16S1P
Rated energy	153Ah
Rated voltage	51.2V
Standard charge/discharge current	27A
Maximum charge/discharge current	100A
Charge limit voltage	58.4V
Discharge cutoff voltage	43.2V
Dimensions(L*W*H)	1040*344*140mm
Weight	60kg±5%

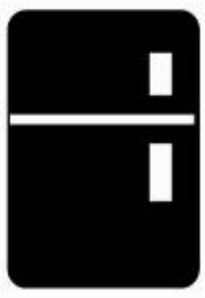
A variety of household appliances





Air Conditioner
(700W)

11.2 Hours



Freezer Cabinet
(700W)

11.2 Hours



Range Hoods
(350W)

22.3 Hours



Drone
(500W)

15.6 Hours



Electric Drill
(800W)

9.8 Hours



Electric Vehicle
(350W)

22.3 Hours



Cropper
(800W)

9.8 Hours



Microwaves
(500W)

15.6Hours



Washer
(300w)

26.1 Hours



Rice Cooker
(800W)

9.8 Hours



Induction Cooker
(1100W)

7.1Hours

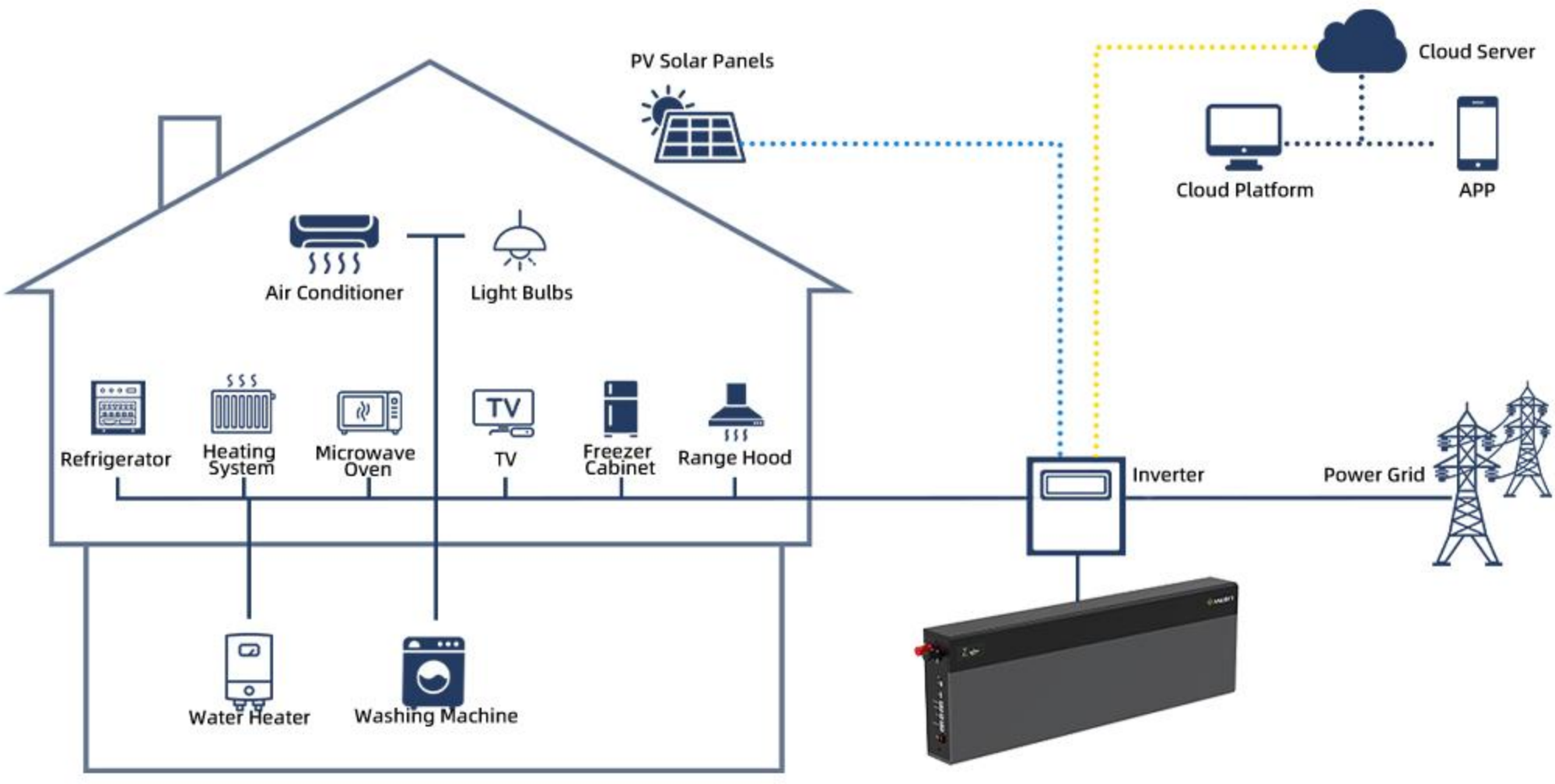


Vacuum
(1000W)

7.8 Hours

How Work?

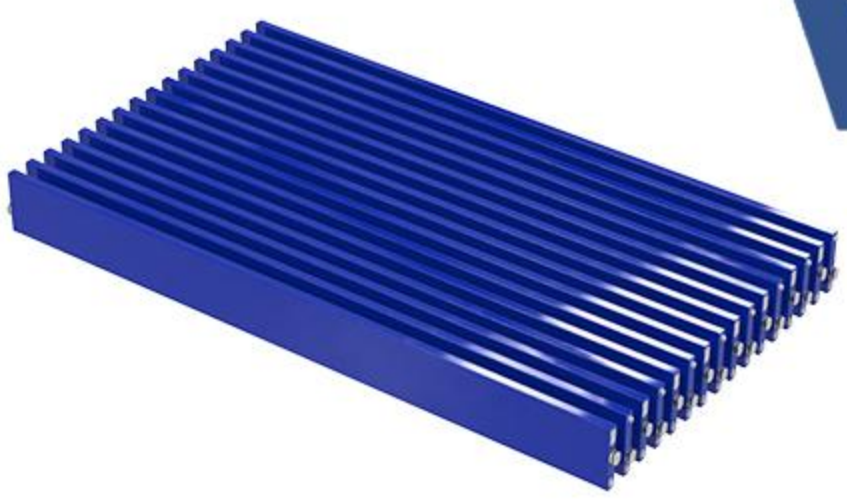

Wall-mounted
Home Energy Storage Solution


PV Solar Panels
Cloud Server
Cloud Platform
APP
Air Conditioner
Light Bulbs
Refrigerator
Heating System
Microwave Oven
TV
Freezer Cabinet
Range Hood
Inverter
Power Grid
Water Heater
Washing Machine

Safe & Reliable Battery

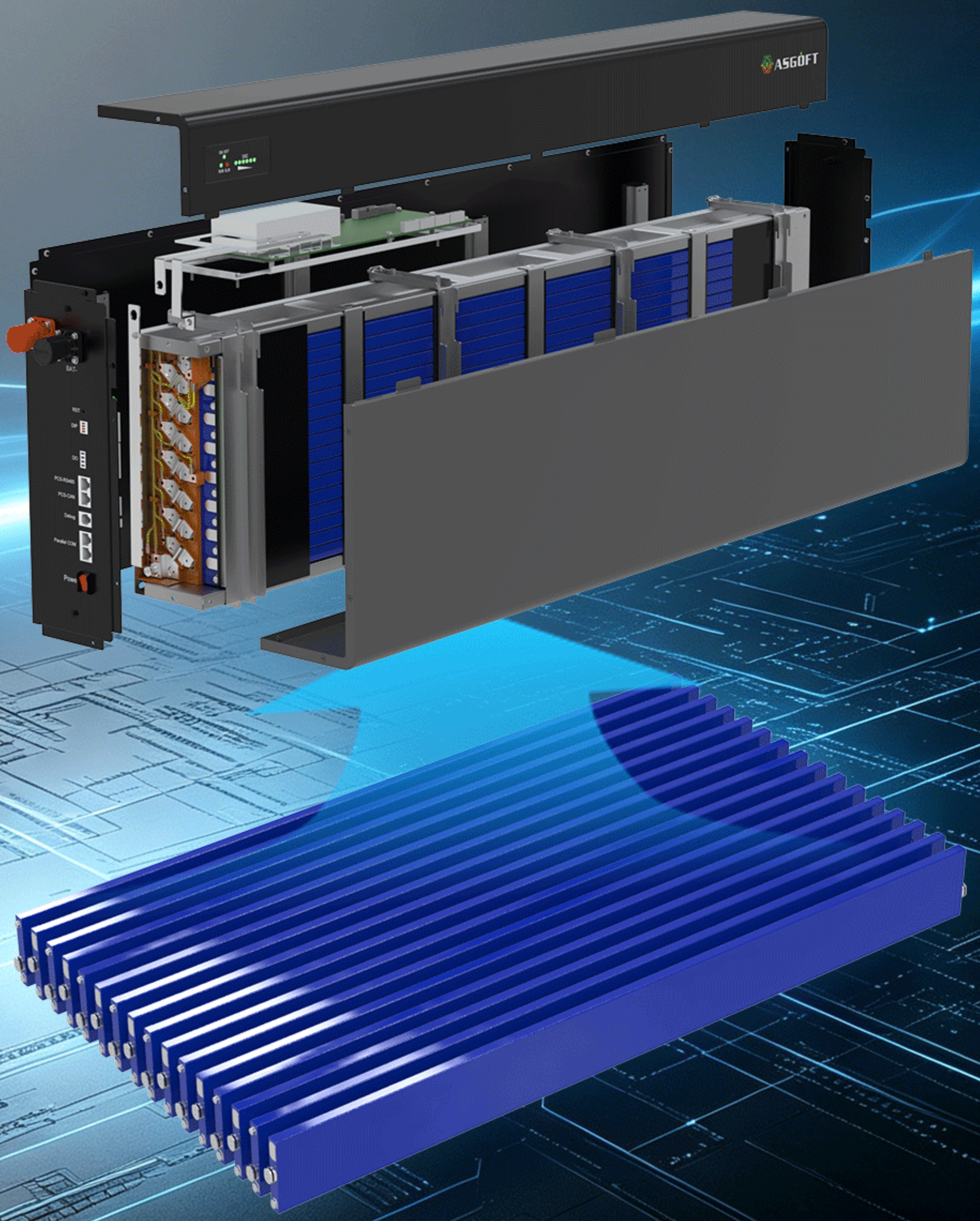
The world's first battery that does not catch fire in nail penetration tests



BYD BLADE BATTERY	OTHER BATTERIES
	
More stable	Easy to overheat
Fire - resistant	Not Fire-Resistant
Explosion - proof	Not Explosion-Proof

High Energy Density
More Efficient Power Storage

Supports parallel expansion of
up to 16 batteries of the same model



Smart BMS System

Short-Circuit Protection

Over-Charging Protection

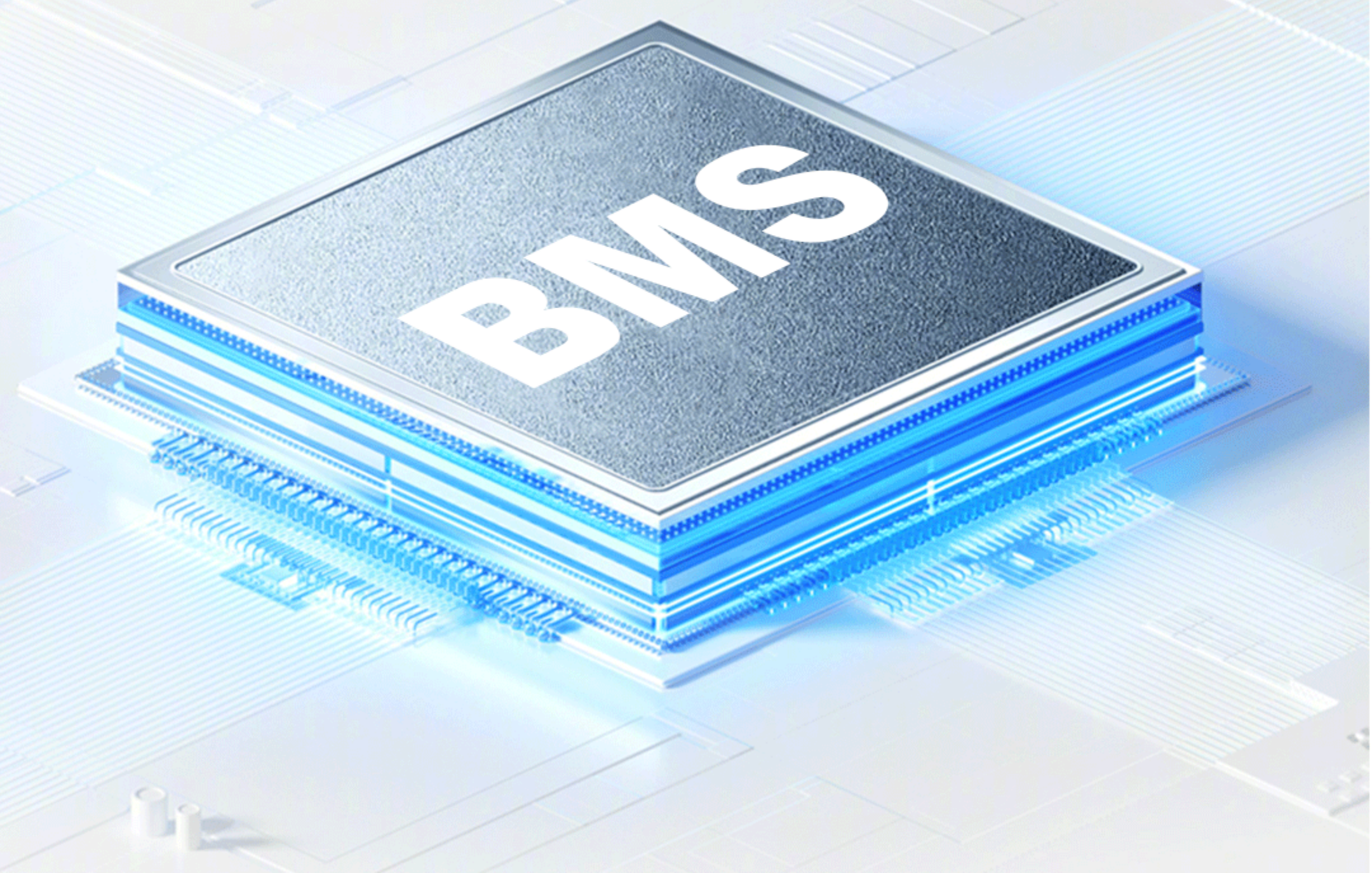
Over-Disharging Protection

Automatic Insulation Detection

Low Temperature Protection

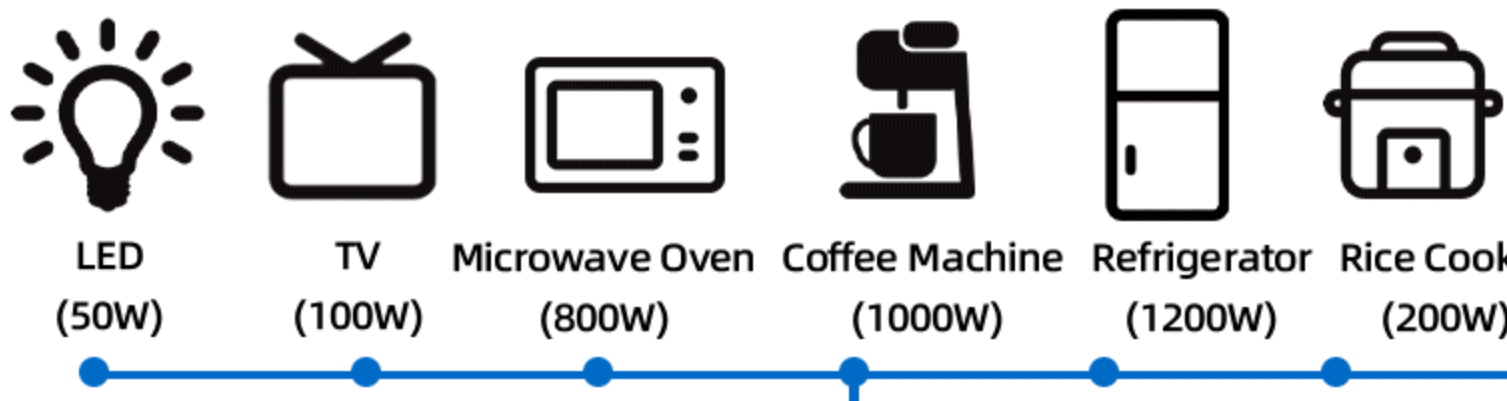
Pre-Charging Circuit

Low No-Load Energy Consumption



Widely Compatible

Our BYD HV Battery Compatible With Dy, Solis, Afore, Sofar, Growatt SPH, Goodwe ET G2



Solar Panels



Grid



more brands...





Dye GROWATT 古瑞瓦特 solis GOODWE YOUR SOLAR ENGINE SOFAR SOLAR PYLONTECH

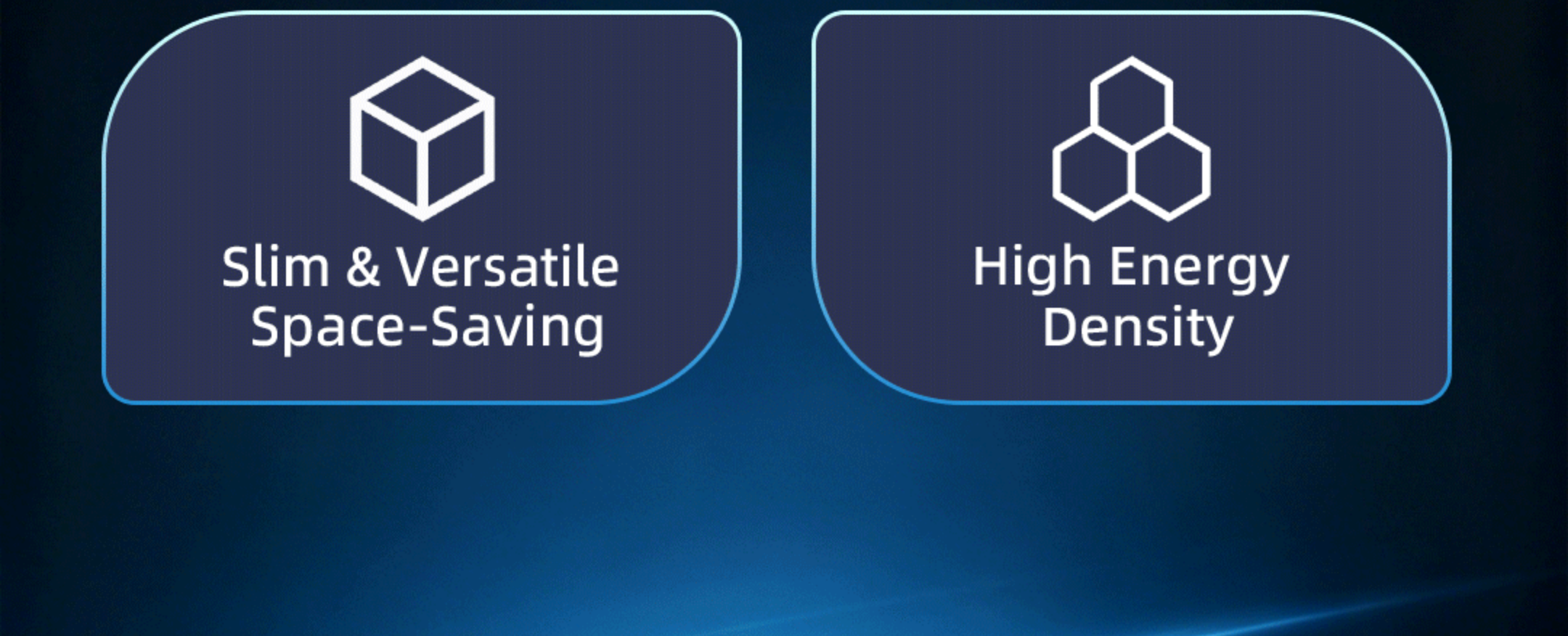
Dye | Growatt | Solis | Goodwe | Sofar Solar | PYLONTECH



PRODUCT FEATURES

Your Reliable Home Energy Storage Helper

- Long - lasting Endurance
- Can Be Flexibly Paralleled
- Slim & Versatile Space-Saving
- High Energy Density



Product Specifications & Dimensions

