MAKE BETTER BATTERY
MAKE BETTER LIFE

BALCONY ENERGY STORAGE BATTERY
PLUG & PLAY SOALR SYSTEM

SPECIFICATION

High Safety

DIY

Easy O&M

Flexible expand

Low Temp use

Compatibility

Model No.	BDB-2.76L
Battery pack nominal voltage/capacity/energy	51.2V/54Ah/2.76kWh
Charge cut-off voltage	57.6V
Discharge cut-off voltage	40V
AC internal resistance	≤120mΩ
Maximum continuous charging current	30A@25℃
Maximum charging voltage	57.6V
Maximum continuous discharge current	20A
Discharge protection current	30A@25℃
Charging temperature	-20～55℃
Discharge temperature	-20～60℃
Storage temperature	-10～35℃
Cycle life	6000cycles @0.5C @25℃ @80%DOD
Communication method	CAN communication
Ingress protection	IP65
Shell material	Sheet metal
Mounting method	Floor stand or wall-mounted
Battery pack dimensions(W*D*H)	350*160*480mm(excluding handle)
Weight	29.6kg±3%
Certifcation	IEC62619/CE/UN38.3