

**MAKE BETTER BATTERY
MAKE BETTER LIFE**



**BALCONY ENERGY STORAGE BATTERY
PLUG & PLAY SOLAR SYSTEM**



SPECIFICATION



High Safety



DIY



Easy O&M



Flexible Expandability



Low Temp use



Compatibility



Model No.	BDB - 2.76L
Nominal Voltage/Capacity/Energy of Battery Pack	51.2V/54Ah/2.76kWh
Charge cut-off voltage	57.6 V
Discharge cut-off voltage	40 V
DC Internal Resistance	≤ 120 mΩ I
Max. Continuous Charge Current	30A @ 25°C
Maximum Charge Voltage	57.6 V
Max. Continuous Discharge Current	20 A
Over - Discharge Protection Current	30A @ 25°C
Charging Temperature	-20 ~ 55°C
Discharging Temperature	-20 ~ 60°C
Storage Temperature	-10 ~ 35°C
Cycle Life	6000cycles,@0.5C@25°C@80%DOD
Communication Method	CAN Communication
IP Rating	IP65
Shell Material	Sheet Metal
Mounting Method	Free Stand or Wall - Mounted
Expansion	Max 4 Packs in Parallel to Reach 11KWh
Battery Pack Dimensions (W*D*H)	350 * 160 * 480 mm (Excluding Handle)
Weight	29.6kg±3%
Certification	IEC62619/CE/UN38.3

