

Super Capacitor Energy Storage Battery S-Cap Cell Technology (Wall-Mounted)

Model SB-01



High Efficiency
Max Efficiency 95%
5 Year Warranty



Eco-Friendly
Clean Energy
20 Years Useful Life



Ingress Protection
Weather Resistant Enclosure



Long Lifespan
Sustainable Long
Cycles 1000



Built-in BMS
Charge & Discharge Protection
1 Hour Recharge Time

PRODUCT INTRODUCTION

- Upto 40 groups of parallel connections flexible capacity expansion.
- LED display for voltage, current, temperature, convenient for users to query
- S-Cap Cell Technology.
- Compatible with mainstream inverters in the market providing more options.
- Built-in BMS provides multiple protections functions.
- Sustainable long Cycles 1000.



Super Capacitor Energy Storage Battery (Wall-Mounted)

ITEMS	Parameters
Specifications and models	SB-01
Nominal voltage	51.2V
Nominal capacity	100Ah
Maximum continuous charge/ discharge current	100A/100A
Discharge voltage/Maximum charge	43.2 V/58.4 V
Weight	50kg
Dimensions (WxDxH)(mm)	450x500x140
Cycle life	1000 cycles @80% DOD
Max number of parallel connections	40
Self-discharge (month)@25°C	3%
BMS communication types	R\$485/RS232/CAN
Cooling Mode	Free Cooling
IP Class	IP54
Display Fuction	LCD Display
Design Life	20 Years
Storage Temperature	-20°C to 60°C
Operate Temperature	charge: 0° to 45°C; discharge: -10°C to 55°C
Relative Humidity	5% to 95%
Working Pressure	61kPa-113kPa