

SBP4K8

Residential Energy Storage Battery





Innovative and Reliable

- High reliability and safety with prismatic cells from Samsung
- Robust BMS provides multi-protection at both cell level and system level
- Over 95% depth of discharge to maximise the usable capacity



Easy Installation

- Suitable for both free-standing and wall-mountable installation
- · Simple setup for multiple batteries
- One-click online firmware update



Intelligent Management

- Remote monitoring of battery status with App and web portal
- Smart hibernation technology to maintain battery state of health



Data

Total energy capacity Battery capacity Nominal voltage Battery type Voltage range Max. charge current Max. discharge current Round-trip efficiency (RTE) Depth of discharge (DOD) Cell balance technique

Cell balance current

Scalability

Over/under voltage protection Over current protecion

Over/under temperature protection

Short-circuit protection Mounting type

Weight

Dimensions (W x H x D) Communication

Firmware upgrade

Current consumption in sleep mode

Noise

Ingress protection rating Relative humidity range Operating temperature Storage temperature

Altitude

Storage period Cooling strategy Certification

4.8 kWh

94 Ah 51.52 V Lithium ion 44.8 V-58.1 V

47 A 80 A > 95 % > 95 %

Bi-directional active cell balancing

Yes, up to 14.4 kWh

Yes Yes Yes

Free-standing / wall-mountable

48 ka

510 mm x 565 mm x 190 mm

CAN

Local and remote

< 30 µA < 30 dB IP55

0-85 %, non-condensing

-10°C to 45°C -20°C to 50°C < 2000 m

Less than 6 months Natural convection

UN38.3, IEC62619, IEC-61000-6-1/3, SAA

