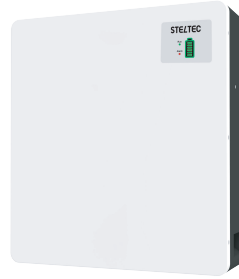


TECHNICAL DATA

STE-BSW-5120



Performance

Nominal Voltage	51.2 Vdc
Nominal Capacity	100Ah ^[1]
Battery Energy	5120 Wh ^[1]
Charging Cut-off Voltage	56.16 Vdc
Discharge Cut-off Voltage	44.8 Vdc
Nominal Charge/Discharge Current	50A
Nominal Charge/Discharge Power	2560W
Max Charge/Discharge Current	100A ^[2]
Max Charge/Discharge Power	5120W ^[2]
Short Circuit Current	350A/3ms

Communication

Display	SOC status indicator, LED indicator
Communication	RS232, RS485, CAN

General Specification

Dimension(W×D×Hmm)	500X494X145mm
Weight (Kg)	47.2kg
Installation	Floor stand or Wall mounted
Charging Temperature Range	0°C ~ 55°C
Discharge Temperature Range	-20°C ~ 60°C
Operating /Storage /humidity	≤95%RH
Max Operating Altitude	≤2000m
IP Rating	IP20
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Scalability	Max 15 batteries in parallel

1. Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25°C.

2. Charge/discharge derating occurs when the operating temperature from -10°C to 5°C, & 45°C to 55°C.