



elleyhill Power

YOUR
SMART
ENERGY

BATTERY EU10K

SSRE-51.2V SERIES
CAPACITY → 200Ah
10.24 kWh module



+

Safe

Concise

Plug & play

Long lifespan



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BATTERY EU10K

Model Description	BESS -51.2V-200Ah-10.24kWh
Physical	
Battery Type	LFP (LiFePO ₄)
System Weight	94 ± 1 kg
Dimension (W x D x H)	550x280x610 mm (Stackable)
Optional Color	White <input type="checkbox"/> Green <input type="checkbox"/>
Calendar	10 years (in condition)
Electrical	
Energy Capacity	10.24 kWh
Usable Capacity	9.22 kWh
Depth of Discharge (DoD)	90%
Nominal Voltage	51.2 V
Operating Voltage Range	43.2 V ~ 58.4 V
Operation	
Constant Charging Current	100A (40A recommended)
Max. Charging Current	110A
Constant Discharge Current	150A (100A recommended)
Max. Discharging Current	160A
Standard Charge Power	5000 W
Max. Charge Power	6500 W
Standard Discharge Power	7500 W
Max. Discharging Power	9000 W
Discharge Temperature Range	- 20°C ~ 60 °C
Charge Temperature Range	0 °C ~ 55 °C
Storage Temperature Range	- 20 °C ~ 45 °C
Humidity	10% ~ 85%
BMS	
Modules Inter-Connection	1 ~8 parallel
Monitoring Parameters	System voltage, current, temperature, PCBA temperature
Communication	RS-232 / 485 / CAN

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