



SSRE-51.2V SERIES

HOUSEHOLD ENERGY BATTERY

It carries the load

With 0.75C technology, the Greenrich battery ensures more power when you need it.



0.75C
Discharging Rate

10.24 kWh
Power

10
YEARS*
WARRANTY
*6000 Cycles



elleyhill **Power**

SSRE-51.2V SERIES

Household Energy Battery

Capacity



10.24kWh

Discharging Rate



0.75C

Power



10.24 kWh

PHYSICAL

Battery Type	LFP (LiFePO4)
System Weight	94 ±1 kg
Dimension	550x280x610 mm (Stackable)
Optional Color	White, and Green
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	5000W
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

Johannesburg Head Office:

Unit 4, K77, Morkels Close, Capital Hill, Halfway House, Midrand, Gauteng, 1685
T: 011 701 5200 | E: info@elleyhill.co.za

Cape Town Branch:

Unit B12, Prime Business Park, Morke Road, Diep River, Cape Town
T: 021 753 0004 | E: sales3@elleyhill.co.za



elleyhill Power

www.elleyhillpower.co.za