



**YOUR
SMART
ENERGY**

Web: www.fullcirclesolar.co.za/shop

Email: info@fullcirclesolar.co.za

Cell / Whatsapp: +27 (0) 76 713 6566

BATTERY EU10K

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



Safe

Concise

Plug & play

Long lifespan



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	☐	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	5000 W		
Max. Charge Power	6500 W		
Standard Discharge Power	7500 W		
Max. Discharging Power	9000 W		
Discharge Temperature Range	- 20℃ ~ 60 ℃		
Charge Temperature Range	0 ℃ ~ 55 ℃		
Storage Temperature Range	- 20 ℃ ~ 45 ℃		
Humidity	10% ~ 85%		
BMS			
Modules Inter-Connection	1 ~8 parallel		
Monitoring Parameters	System voltage, current, temperature, PCBA temperature		
Communication	RS-232 / 485 / CAN		

CE UN 38.3

Web: www.fullcirclesolar.co.za/shop

Email: info@fullcirclesolar.co.za

Cell / Whatsapp: +27 (0) 76 713 6566