

GP-SR1-JK200

- ◆ Structural and electrical safety
- ◆ Ease of installation and maintenance
- ◆ Programmatic cell sorting for matched cells
- ◆ Active balancing technology
- ◆ Compatibility with leading inverters
- ◆ Scalability up to 215kWh



GP-SR1-JK200

15kWh Module

51.2V Low Voltage System

The Gobel Power Battery GP-SR1-JK200 is a lithium iron phosphate (LFP) battery pack for use with an external inverter. A single Battery Module has about 15kWh capacity and can reach to 215kWh if 15 modules parallel connected.

Accessories GP-SR1-JK200

Parts	Quantity	Details
Battery Model	1	GP-SR1-JK200
Mounting Bracket	2	Fix the battery to the wall
RS485 Cable	1	Communication cable between BMS and PC software
Network Cable	1	Communication cable between BMS and Inverter
DC Power Cable	2	Pair of 50mm ² DC Power Cable connect with Inverter, 1m, M8 terminal

TECHNICAL PARAMETERS GP-SR1-JK200

Battery Module	GP-SR1-JK200			
Battery Cells	280Ah Prismatic LiFePO4 Cells			
BMS	GP-JK200 200A BMS			
Active Balancer	Built-in 2A Active Balancer			
Dimensions (H/W/D)	882.5 X 482.6 X 241 mm			
Weight	118 kg			
Number of Modules	1	2	3	15
Usable Energy	14.3kWh	28.6kWh	42.9kWh	214.5kWh
Nominal Capacity	280Ah	560Ah	840Ah	4200Ah
Max Cont. Output Current	200A	400A	600A	3000A
Max Cont. Output Power	10.2kW	20.4kW	30.6kW	153kW
Max Cont. Input Current	140A	280A	420A	2100A
Max Cont. Input Power	7.2kW	14.4kW	21.6kW	108kW
Nominal Voltage	51.2 VDC			
Operating Voltage	44 ~ 55.2 V			
Operating Temperature	-20 °C to +50 °C			
Battery Cell Technology	Lithium Iron Phosphate (cobalt-free)			
Communication	CAN / RS485			
Enclosure Protection Rating	IP21			
Round-Trip Efficiency	≥95%			
Scalability	Max. 15 Modules in Parallel (214.5 kWh)			
Certification	CE / UN38.3			
Applications	ON Grid / ON Grid + Backup / OFF Grid			
Warranty	5 Years			
Compatible Inverters	Deye, GoodWe, Growatt, Invt, Must, Pylon, SMA, SRNE, Victron, Voltronic			