

GP-SR4-HV314

- ♦ High Voltage Battery System (Max 820V)
- ♦ Structural and electrical safety
- ♦ Ease of installation and maintenance
- ♦ Programmatic cell sorting for matched cells
- ♦ Active balancing technology
- ♦ Compatibility with leading inverters



GP-SR4-HV314

16kWh Module

High Voltage System

The Gobel Power Battery GP-SR4-HV314 is a lithium iron phosphate (LFP) battery system for use with an external inverter. A single Battery Module has about 16kWh capacity and can reach to 820V/256kWh if 16 modules series connected.

Accessories GP-SR4-HV314

Parts	Quantity	Details
Battery Model	5-16	GP-SR4-HV314
High Voltage Box	1	GP-HVB-PC150
Communication Cable	1	Communication cable between battery modules
Network Cable	1	Communication cable between high voltage box and Inverter

TECHNICAL PARAMETERS GP-SR4-HV314

Battery Module

GP-SR4-HV314

Battery Cells	EVE 314Ah Prismatic LiFePO4 Cells
BMU	GP-BMU-PH150 150A 16S BMU
Active Balancer	4A Bluetooth Balancer
Cooling	Fan Cooling
Nominal Voltage	51.2V
Nominal Current	150A
Dimensions (H/W/D)	240 X 443 X 748.5 mm
Weight	120 kg

High Voltage Box

GP-HVB-PH150

Nominal Voltage	256 VDC ~ 820VDC
Nominal Current	150A
Nominal Power	38.5kW ~ 123kW
Communication	CAN / RS485
Interface	Screen
Parallel Connection	Support
Dimensions (H/W/D)	132.4 X 440 X 614 mm
Weight	35 kg

Operating Temperature	-20 °C to +50 °C
Enclosure Protection Rating	IP21
Round-Trip Efficiency	≥95%
Certification	CE / UN38.3
Applications	ON Grid / ON Grid + Backup / OFF Grid
Warranty [3]	10 Years
Compatible Inverters	Pylon/Growatt/SoFar/Megarevo
Compatible EMS	OpenEMS (developing)