

# GP-PW2-PC200

- ♦ Structural and electrical safety
- ♦ Ease of installation and maintenance
- ♦ Programmatic cell sorting for matched cells
- ♦ Compatibility with leading inverters
- ♦ Scalability up to 153.6kWh
- ♦ PC Software Monitoring & Debug
- ♦ Voltage/Current/Temperature Protection



## GP-PW2-PC200

10.24kWh Module

51.2V Low Voltage System

The Gobel Power Battery GP-PW2-PC200 is a lithium iron phosphate (LFP) battery pack for use with an external inverter. A single Battery Module has about 10.24kWh capacity and can reach to 153.6kWh if 15 modules parallel connected.

## Accessories GP-PW2-PC200

Parts	Quantity	Details
Battery Model	1	GP-PW2-PC200
Mounting Bracket	1	Fix the battery to wall
RS232 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 <sup>2</sup> DC Power Cable connect with Inverter, 1m, M8 terminal

## TECHNICAL PARAMETERS GP-PW2-PC200

Battery Module	GP-PW2-PC200			
Battery Cells	2P16S EVE 100Ah Prismatic LiFePO4 Cells			
BMS	GP-PC200 BMS			
Active Balancer	4A Bluetooth Active Balancer			
Dimensions (H/W/T)	500 X 896 X 165 mm			
Weight	106 kg			
Number of Modules	1	2	3	15
Usable Energy	10.24kWh	20.48kWh	30.72kWh	153.6kWh
Nominal Capacity	200Ah	400Ah	600Ah	3000Ah
Max Cont. Output Current	200A	400A	600A	3000A
Max Cont. Output Power	10.24kW	20.48kW	30.72kW	153.6kW
Max Cont. Input Current	200A	400A	600A	3000A
Max Cont. Input Power	10.24kW	20.48kW	30.72kW	153.6kW
Nominal Voltage	51.2 VDC			
Operating Voltage	44 ~ 55.2 V			
Operating Temperature	-20 °C to +55 °C			
Battery Cell Technology	Lithium Iron Phosphate (cobalt-free)			
Communication	CAN / RS485 / RS232			
Monitor	Home Assistant Monitor (Optional)			
Enclosure Protection Rating	IP21			
Round-Trip Efficiency	≥95%			
Scalability	Max. 15 Modules in Parallel			
Applications	ON Grid / ON Grid + Backup / OFF Grid			
Warranty	10 Years			
Compatible Inverters	Refer to Gobel Power Inverter Compatibility List			