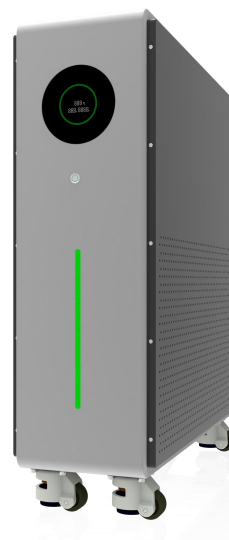


# GP-PB5-PC628

- ♦ Structural and electrical safety
- ♦ Ease of installation and maintenance
- ♦ Programmatic cell sorting for matched cells
- ♦ Active balancing technology



## GP-PB5-PC628

32kWh Module

51.2V Low Voltage System

The Gobel Power Battery GP-PB5-PC628 is a lithium iron phosphate (LFP) battery pack for use with an external inverter. A single Battery Module has about 32.15kWh capacity .

## Accessories GP-PB5-PC628

Parts	Quantity	Details
Battery Model	1	GP-PB5-PC628
RS232 Cable	1	Communication cable between BMS and PC software
Network Cable	1	Communication cable between BMS and Inverter

## TECHNICAL PARAMETERS GP-PB5-PC628

Battery Module	GP-PB5-PC628			
Battery Cells	314Ah Prismatic LiFePO4 Cells			
BMS	300A BMS			
Active Balancer	Built-in 2A Active Balancer			
Dimensions (H/W/D)	910 * 764 * 315 mm±2.00mm			
Weight	280kg±2kg			
Number of Modules	1	2	3	15
Usable Energy	32.15KWh	64.3KWh	96.45KWh	482.25KWh
Nominal Capacity	628AH	1256AH	1884AH	9420AH
Max Cont. Output Current	300A	600A	900A	4500A
Max Cont. Output Power	15.36KW	30.75KW	46.08KW	230.4KW
Max Cont. Input Current	300A	600A	900A	4500A
Max Cont. Input Power	15.36KW	30.75KW	46.08KW	230.4KW
Nominal Voltage	51.2VDC			
Operating Voltage	40 ~ 58.4 V			
Operating Temperature	-20 °C to +60 °C			
Installation	Floor installation/Outdoor installation			
Communication	RS485、RS232、CAN、WIFI			
Enclosure Protection Rating	IP20			
Round-Trip Efficiency	≥95%			
Scalability	/			
Certification	CE / UN38.3			
Applications	ON Grid / ON Grid + Backup / OFF Grid			
Warranty [3]	5 to 10 Years			