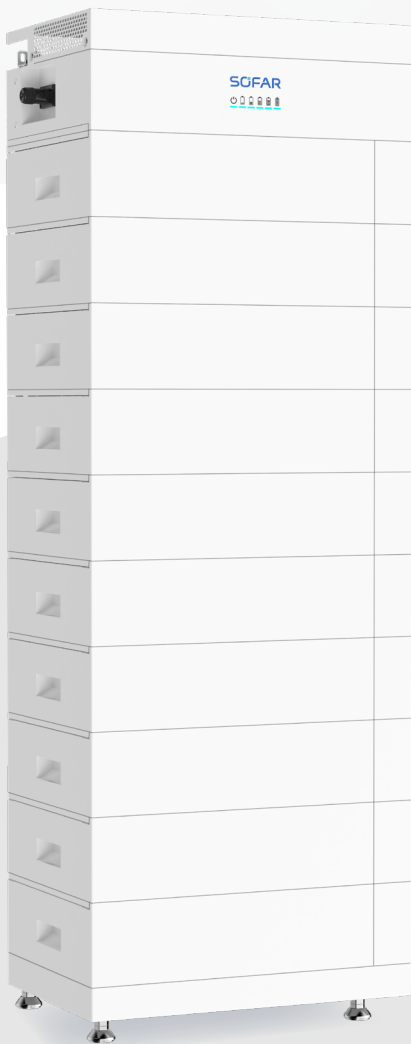


CBS5000-H4-H-H12-H

20/25/30/35/40/45/50/55/60 kWh

Smart battery



- ▶ SOFAR Battery control unit
- ▶ SOFAR Battery



Safe & Reliable

- IP66 protect rating
- Integrated heating, all-weather performance from -20°C to +50°C, perfect for outdoor installation



Flexible capacity

- Modular design, scalable 4-12 packs per series
- Up to 4 racks in parallel (Max. 240kWh)



High power

- Integrated built-in optimizer, one cluster on management
- Active module balancing



Easy installation

- Stack design
- No cable connections required between module

Model	CBS5000-H4-H	CBS5000-H5-H	CBS5000-H6-H	CBS5000-H7-H	CBS5000-H8-H	CBS5000-H9-H	CBS5000-H10-H	CBS5000-H11-H	CBS5000-H12-H
System Parameters									
System Schematic									
Battery Distribution Unit	CBS5000-BCU								
Number of Battery Distribution Unit	1								
Battery Module	CBS5000-BMU-H								
Number of Battery Modules	4	5	6	7	8	9	10	11	12
Battery Total Energy ^[1]	20.48 kWh	25.6 kWh	30.72 kWh	35.84 kWh	40.96 kWh	46.08 kWh	51.2 kWh	56.32 kWh	61.44 kWh
Rated Power	10 kW	12.5 kW	15 kW	17.5 kW	20 kW	22.5 kW	25 kW	27.5 kW	30 kW
Peak Output Power	20 kW, 10s	25 kW, 10s	30 kW, 10s	35 kW, 10s	40 kW, 10s	45 kW, 10s	50 kW, 10s	55 kW, 10s	60 kW, 10s
Nominal Voltage	600 Vd.c								
Operating Voltage Range	600-1000 Vd.c								
Max. Charging Current	50A								
Max. Discharging Current	50A								
General Parameters									
Display	LED								
Communication	CAN								
Dimensions (W×H×D)	625×870×415 mm	625×1020×415 mm	625×1170×415 mm	625×1320×415 mm	625×1470×415 mm	625×1620×415 mm	625×1770×415 mm	625×1920×415 mm	625×2070×415 mm
Weight	210kg	257kg	304kg	351kg	398kg	445kg	492kg	539kg	586kg
IP Rating	IP66								
Cooling Mode	Intelligent Airflow								
Operating Temperature Range ^[2]	-20°C ~ +50°C								
Humidity	5%-95%								
Installation	Floor Mounted								
Battery Type	LiFePO ₄ - lithium iron phosphate battery								
Max. Operating Altitude ^[3]	4000m								
Scalability	Max. 4 systems in parallel operation								
Ordering and Deliverable Part									
Available for ordering ^[4]	CBS5000-BMU-H, CBS5000-BCU								

[1] Test conditions: 0.2C charging/discharging at 25°C, 100%DOD.

[2] Refer to the curve of temperature VS charging/discharging current.

[3] Derating above 2000m.

[4] Storage system is ordered and delivered in the form of power module and battery module separately with corresponding quantity.

*All specifications are subject to change without notice.