

Residential Energy Storage Battery (High Voltage & Stackable)

SOL-20H-B



High Efficiency

Max. efficiency 94%



Easy installation

50 Kg Battery modules



Safety and Reliability

Lithium-ion phosphate
battery cells



System Integration

Integrated design, plug and
play, no compatibility issues

Product Introduction



LFP Battery, safe and long Cycle life



Stackable design, easy installation



Compatible with a variety of mainstream inverter



Supports off-grid and grid-connected scenarios



High voltage solution makes higher conversion
efficiency

⚡ Battery Module

- 5.12 kWh per Module
- Modular and Stack Installation Design to simplify the maintenance
- Connect up to 12 module in parallel for a maximum size of 60 kWh

Flexible, Efficient, Simple



Plug Connection

No Additional Wiring Required



Extend Anytime

Easily Adapts to New Requirements



High Power

Power for Every Application

Technical Parameters

Battery Model	SOL-20H-B
Usable Energy	20.5kWh
System Configuration	4 battery packs and 1 BMS box
Cell Type	Prismatic (LiFeP04)
Nominal Voltage	205V
Operation Voltage Range	179.2V~233.6V
Nominal Discharge/Charge Current	50A
Operation Temperature Range	Charge:0°C~+50°C;Discharge:-10°C~+50°C
Communication Interface	CAN/RS485
Weight	Approx.230Kg
Dimensions(WxDxH)	680x425x860mm
Ingress Protection	IP55
Round-Trip Efficiency	94%
Applications	Energy storage system/Power backup
Compatible Inverters	PYLON, Sacolar, Growatt, Sofar, Voltronic, LUX, Schneider, Afore, Sinexcel, Sorotec, GoodWe, KSTAR, Srne, Must, Megarevo, Sol-Ark, INVT, Aiswei, TBB, SAKO, Solis, Victron, SMK, BlueSun