

51.2V sitting lithium battery series



>Product features

- High-capacity: Single unit provides large energy storage (e.g., 10kWh+) for high-demand households or off-grid use.
- Stable & Safe: Low-center-of-gravity design with anti-tip features; some models include wheels for mobility.
- Plug-and-Play: No installation required; place directly on floors (e.g., garages, basements).
- Scalable: Optional parallel connection for future capacity expansion.
- Weather-resistant: Wide operating temperature (-20°C~50°C) and high IP rating (e.g., IP55) for harsh conditions.

>Context of Use



residence



farm



base station

Technical Parameters		
Model		51314
Total Energy(kWh)		16KWh
Capacity(Ah)		314Ah
Nominal Voltage(V)		51.2V
Float Voltage(V)		58.4V
Equalization Voltage(V)		56V
Discharge Cutting Voltage(V)		44.8V
Max. Charge & Discharge Current(A)		200A
Max. C Rating		0.65C
Dimension(mm)		800*486*240mm
Net Weight(kg)		132kg
Max. Scalable		16 in parallel
Communication Ports		CAN/RS485/RS232
Communicated Inverter	"Goodwe/Victron/Sofar/Deye/Voltronic/Pylon/Luxpower Afore/Must/SakoSorotec/Sma/ Solis/Phocos /Kstar/Mpp Solar /Growatt/Megarevo/Srne"	
Charging Temp Range(°C)		0~55°C
Disharging Temp Range(°C)		- 10~55°C
Cycle Lifes		≥8000 cycles @80%DOD /0.5C/25°C
Warranty		5 years
Certifications		CE,UN38.3,MSDS
Function		WIFI, Touch Screen, Battery light, Display screen