



# 51.2V100Ah

## LITHIUM-ION BATTERY PRODUCT SPECIFICATION



**LONG LIFE**  
≥ 5000 cycles



**LONG WARRANTY**  
Ten-year warranty



**MODULAR DESIGN**  
support for multiple modules  
used in parallel,  
easy to install and maintain.



**HIGH SAFETY**  
The use of the most  
advanced lithium iron  
phosphate battery  
core technology.



**STRONG  
PERFORMANCE**  
Cold resistance (-20-60 °C )  
high temperature  
resistance (0-50 °C )

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## 51.2V 100Ah TECHNICAL PARAMETERS

Model	B51100
Battery Type	LiFePO4
Nominal Battery Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Charging Cut-off voltage	57.6V
Discharging End-off voltage	40V
Recommended Charge / Discharge Current	50A
Max. Power Charge / Discharge Current	100A
Peak Power Charge / Discharge Current	200A(5s)
Weight	45kg
Max. Dimension(W*D*H)	480*460*155.5mm
Charging Temp. Range	-50°C
Discharging Temp. Range	-20-60°C
Communication	CAN / RS485
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life	≥ 5000 Cycles
Scalability	IP20
Pros	Can be used in both off-grid and hybrid setups,compact design
Compatible Inverters	Victron/SMA/Goodwe/Imeon/Solis/SAJ/Growatt/Luxpower/Voltronic/Deye
Certification & Safety Standard	etc. TUV/CE/IEC62619/UN38.3 /UL1973(on going)