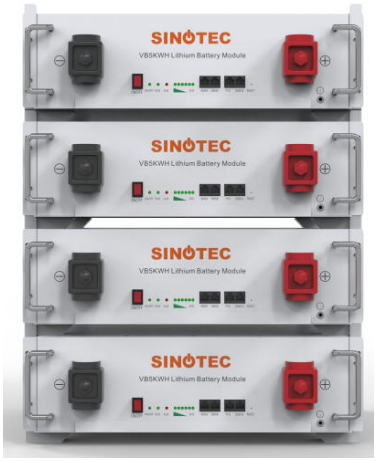
SINOTEC



LONG LIFE
≧5000 cycles

LONG WARRANTY
Ten-year warranty.

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

STRONG PERFORMANCE
Cold resistance (-20-60 ℃) high temperature resistance (0-50 ℃)

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

TECHNICAL PARAMETERS

Model	VB5KWH
Battery Type	LiFePO4
Nominal Battery Energy	5.12kWh
Nomianl Capacity	100Ah
Nomianl Voltage	51.2V
Charging Cut-off voltage	57.6V
Discharging End-off voltage	40V
Recommended Charge / Discharge Current	100A
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	0-50℃
Discharging Temp. Range	-20-60℃
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 etc.
Certification & Safety Standard	CE/UN38.3

Do not mix with lead-acid batteries when recycling
*To 70% initial capacity