



# SU5.0-X

APPLICATION

RATED CAPACITY

BATTERY CELL

Maximum in Parallel

LV

5.12kWh

Lithium iron

16



**LONG LIFE**  
≥ 6000 cycles



**HIGH SAFETY**

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



**LONG WARRANTY**  
Ten-year warranty



**MODULAR DESIGN**

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



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

■ **Certificates**



PARAMETERS	
Model	SU5.0-X
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	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	0-50°C
Discharging Temp. Range	-20-60°C
Communication	CAN / RS485
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life	≧6000 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	CSA/UN38.3