



Model	SAVI-ESS 512100-G3
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	100 Ah
Battery Energy	5120 Wh
Charge Current	50 A
Charge Power	2560 W
Discharge Current	100 A
Discharge Power	5120 W
Short Circuit Current	350 A
Communication	
Display	Color Touchscreen
Communication	CAN, RS485,RS232
General Specification	
Dimension(W×D×H mm)	440×138×600mm
Weight (Kg)	47.3kg
Installation	Floor Stand or Wall Mount
Working Temperature	-20℃~60℃
Operating / Storage Humidity	≤ 95%RH
Max Operating Altitude	≤2000m
IP Rating	IP20
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 90% DOD/25℃/0.5C, 60% EOL
Scalability	Max 15 batteries in parallel
Standard Compliance (More Available Upon Request)	
Certificates	CE, UN38.3
Ordering and Deliverable Part	
Product ordering part	SAVI-ESS 512100-G3(Cable / Wall Mount Included)