

Solavita

SWR 5.12kWh

Low Voltage Battery



MODEL

SWR5120-L1



Stack mounting to save installation time and cost



IP65 outdoor design



90% discharge depth



Small size, light weight, easier to carry and install

Model		SWR5120-L1
Features		
Battery Module Type	Lithium Iron Phosphate (LFP)	
Total energy [kWh]	5.12	
Usable Capacity(90%DOD) [kWh]	4.608	
Rated Voltage [V]	51.2	
Operating Voltage Range [V]	45.6~56.16	
Recommended Discharge Current [A]	50	
Battery Roundtrip Efficiency	> 95%	
Recommended Depth of Discharge	90%	

Operating Conditions	
Installation	Indoor (Stacked)
Operation Temperature [°C]	-10~55
Storage Temperature [°C]	-20~55
Communication	CAN
Cooling Concept	Natural Cooling
Humidity	5%~85% (Non-condensing)
Altitudes [m]	≤2000

General Data	
Dimensions(W*H*D) [mm]	360*652*198.5
Weight [kg]	57

Certification	
Safety Regulation	IEC62916, IEC62040-1, IEC63056, VDE2510, CE, CEC
EMC	EC61000-6-2/4
Deliveries	UN38.3
Protection Level	IP65