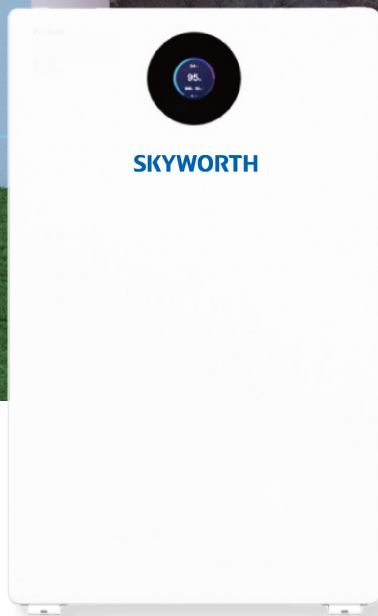


SWR

5.12/10.24 kWh

Low Voltage Battery



MODEL

SWR5.12-L1-SW | SWR10.24-L1-SW



Up to 16 in parallel connection



Reliable lithium-ion battery management solutions for 6000 cycles



Plug-and-play, wiring can be done from either side



Minimum width of just 10 cm, saving space in the home

MODEL	SWR5.12-L1-SW		SWR10.24-L1-SW	
MAIN INFO				
Rated Voltage [V]	51.2			
Rated Capacity [Ah]	100		200	
Battery Power [kWh]	5.12		10.24	
Battery Type	LFP			
Cycling Lifespan	6000 Cycles			
Max. Parallel Capacity	16 units			
CHARGE & DISCHARGE				
Max. Charging Voltage [V]	57.6			
Over Discharging Voltage [V]	44.8			
Max. Charging Current [A]	100		150	
Peak Charging Current [A]	110 (3s)		200 (3s)	
Max. Discharging Current [A]	100 (1C)		200	
Peak Discharging Current [A]	110 (3s)		220 (3s)	
GENERAL				
Weight [kg]	47		88	
Dimension (L*W*H) [mm]	460*725*100mm		620*1014*205mm	
Communication	CAN / RS485 / USB / Wifi / Bluetooth			
Storage Condition	6 months@25° C; 3 months@35° C; 1 month@45° C			
Charging Temp. Range [°C]	0~45			
Discharging Temp. Range [°C]	-10~45			
Cooling Method	Natural cooling			
Protection Grade	IP65			
Certification				
Transportation	UN38.3,MSDS			
Safety	IEC 62619: 2017,EN IEC 61000-6,CEI 0-21		EN 55032,EN 55024,EN 61000-3-2,EN 61000-3-3	