

SW 5.12 -EU SW 10.24-EU



Solid-State
Battery Cells better safety



6000 Cycle Life@25°C



1.5C
Faster charging& Discharging



7680/ 10200W
Peak Power



Increase 8%
Energy Density



93%
Max Recommended DOD



Versatile Installation
Wall/Ground/Rack Mounting

Model	SW 5.12-EU	SW 10.24-EU
Total Energy*	5.1kWh	10.2kWh
Usable Energy(DC)*	4.6kWh	9.4kWh
Max Charge Power	5.12kW	10.2kW
Max Discharge Power	7.68kW	10.2kW
Peak Power (Only Discharge)	8kW for 3s	8kW for 3s
Voltage	48~56Vd.c	
Nominal Voltage	51.2Vd.c	
Max Charge Voltage	57.6Vd.c	
Max Discharge Current	150A	150A
Max Charge Current	100A	120A
Weight	46kg	89kg
Dimension(mm) (L*W*H)	442*165*535mm	442*165*920mm
Max Recommended DOD	93%	
Operating Condition	Indoor	
Operating	Charge	From 0~50 C
Temperature	Discharge	From -10~55 C
WiFi Frequency Range	2.4GHz	
Recommended Humidity	< 60%(No condensed water)	
Over Voltage Category	II	
Cooling Type	Natural convection	
Case Material	Metal	
Color	Black or White	
Installation	Wall/Ground/Rack Mounting	
IP Rating	IP 20	
Max Connection Number	16P	
Communication	CAN/ RS485	
Protection Mode	Dual hardware protection	
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Safety	Cell UL 1973/CE	
Hazardous Material Classification	9	
Transportation	UN 38.3	
Product Warranty	5 years warranty 1)For better battery life cycles,we suggest charge in 0.5C @25°C 2)For better battery life cycles,we suggest discharge in 0.5C @25°C	

Testing conditions based on temperature 25°C at the beginning of life.

*Total Energy/Usable Energy measured under specific conditions from Solwalle 0.2C CC-CV.