

# SW LFP 14.3 -EU



 >6000 Cycle Life@25°C

 Multiple Safety Protection  
Relay, Fuse, DC Breaker

 Smart BMS Intelligent management  
& maintenance of battery systems

 Parallel & Series adapting to  
series or parallel connection

 New & Old Batteries can be used  
together

 Real time monitoring of  
electricity usage

 Voltage Balancing between  
Battery Cells&Battery Pack

Model		SW LFP 14.3-EU
Total Energy*		14.336kWh
Usable Energy(DC)*		12.9kWh
Nominal Dis-/Charge Power		10.2kW
Peak Power(Only Discharge)		10.6kW for 3s
Voltage		48~56Vd.c
Nominal Voltage		51.2Vd.c
Nominal Current		200A
Max. Charge Voltage		57.6Vd.c
Weight		116kg
Dimension(L*W*H)		855*450*235mm
Max.Recommended DOD		90%
Operating Condition		Indoor
Operating Temperature	Charge	From 0~55 °C
	Discharge	From -10~55 °C
WIFI Frequency Range		2.4GMHz
Recommended Humidity		< 60%(No condensed water)
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal
Color		White
Installation		Wall mounting/Ground Installation
IP Rating		IP 20
Protective Class		I
Max. Connection Number		16P/12S
Warranty		10 years
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/TUV
Hazardous Material Classification		9
Transportation		UN 38.3

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