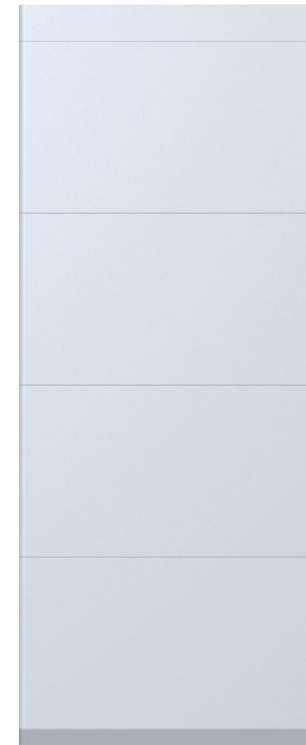




# RECHARGEABLE LI-ION BATTERY SYSTEM

(Low-voltage)



Datasheet



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## Technical Parameter

	SAL5.0	SAL10.0	SAL15.0	SAL20.0
System Demo				
Rated Energy <sup>1</sup>	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Usable Energy	4.6kWh	9.21kWh	13.82kWh	18.43kWh
Battery Type	LFP(LiFePO4)			
Number of Modules	1	2	3	4
Battery Configuration	16S1P	16S2P	16S3P	16S4P
Cycle life <sup>2</sup>	4000 cycles			
Rated Voltage	51.2V			
Operating Voltage Range	40-58.4V			
Peak Current	150A 180S			
Depth of Discharge (DOD)	90%	90%	90%	90%
Max Continuous Charge/ Discharge Current*	100A	120A	120A	120A
Rated Power*	5.12KW	6.14KW	6.14KW	6.14KW
Run Log Recording	32MByte			
Communication	CAN/RS485			
Weight	45KG	90KG	135KG	180KG
Dimensions(W*H*D mm)	650*158*370mm	650*158*740mm	650*158*1110mm	650*158*1480mm
Operating Temperature	Charge:0°C<T<55°C/Discharge:-20<T<60°C			

Storage Temperature	-20~45°C (≤3 Months) /-0~35°C (≤1 Years)
Humidity	≤10-85%
Altitude	≤2000m
Ingress Protection Rating	IP54
Installation Location	Floor Stand installation
Warranty <sup>3</sup>	5 Years Warranty, 10 Years Performance Life
Country of manufacture	Made in China

- 1 . Test conditions: 25°C,100% DOD,0.33C charge & discharge.
2. Test conditions: 25°C,90% DOD,0.5C charge & 1.0C discharge.
3. Refer to battery warranty letter for conditional application.