

Item	Specification	Remarks
Nominal Capacity	2,1kWh, 42Ah typ.	8A discharge Min-Cell 2,0V cut-off
Rated capacity	1,975 kWh, 39.5Ah	8A discharge Min-Cell 2,0V cut-off
Nominal voltage	51.2V	
Maximum discharge current	29,6A	5°C - 40°C Cell temperature
Charge voltage	56.0V	
Maximum charge current	29,6A	10°C - 40°C Cell temperature (5°C – 10°C max 11,8A)
Storage temperature	0°C - 40°C	
Transport temperature	-15°C – 40°C	
Operation ambient humidity	No condensing – 90% RH	
Weight	27kg	
Dimension	215mm x 522mm x 160mm	
Guarantee condition battery capacity	10.000 cycles or 10 years, whatever comes first	Remaining capacity min 70% of rated capacity Environment Temperature: 23+/- 2°C, humidity 65+/-20%R.H. Charge condition : 56.0V+/-0.8V, 40A for 2.5 hours Discharge condition 8A discharge Min-Cell 2,0V cut-off
Guarantee condition electric circuits	5 years	
SOC Shipment	Appr. 85% of SOC	
Standards basic cell	UL1642; IEC62133; UN38.3	
Standards Module	UL1973; UN38.3	
UN Number (Class)	UN3480 (Class 9)	
UN Packing Group	II	
Battery type	LiFePO4	