

Energy Storage 2.88 kWh

Specifications



Electrical characteristics							
Battery type		LiFePO4 Prismatic cells					
Battery modules	Battery Master Order no. 9890455	1 x AX 2.88 kWh BM					
	Battery Slave Order no. 9890456	1 x AX 2.88kWh BS	2 x AX 2.88kWh BS	3 x AX 2.88kWh BS	4 x AX 2.88kWh BS	5 x AX 2.88kWh BS	6 x AX 2.88kWh BS
Nominal capacity (Wh)		5760	8640	11520	14400	17280	20160
Nominal voltage (V)		115.2	172.8	230.4	288	345.6	403.2
Operating voltage (V)		97.2 ~ 131.4	145.8 ~ 197.1	194.4 ~ 262.8	243 ~ 328.5	291.6 ~ 394.2	340.2 ~ 459.9
Recommended discharge current (A)		25					
Max. charge/discharge current (A)		50					
Peak charging current (A)		65 @ 30 sec					
Efficiency (%)		> 95					
Depth of discharge (%) (DoD Depth of discharge)		90					
Charging cycles		> 6000					
Communication		CAN. RS485					
Display		BM LED*6 BS LED*1					
Scalability		max. 7 modules in a row (stacked)					
Operating conditions							
Installation site		Outdoor / Indoor (standing)					
Protection class		IP65					
Operating temperature(°C)		Charge 0 ~ 55 / Discharge -10 ~ +55					
Storage temperature (°C)		-20 ~ +55					
Cooling		Natural convection cooling					
Humidity(%)		5 ~ 95 (non-condensing)					
Operating height (m)		max. 2000					
Mechanical characteristics							
Dimension (W x H x D)		570 x 350 x 380	570 x 470 x 380	570 x 590 x 380	570 x 710 x 380	570 x 830 x 380	570 x 950 x 380
Net weight (kg)		67.1	99.5	131.9	164.3	196.7	229.1
Certificates							
CE-LVD 2014/35/EU; CE-EMC 2014/30/EU; UN38.3; Battery quality Report IEC 62619; RoHS Directive 2011/65/EU + (EU) 2015/863							
Battery Directive 2006/66/EC							

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