

Energy storage 2.88 kWh

specification



Electrical Properties							
Battery type	LiFePO4 Prismatic Cells						
battery Modules	Battery Master Art. No. 9890455	1 x AX2.88kWhBM					
	Battery Slave Art. No. 9890456	1 x AX2.88kWhBS	2 x AX2.88kWhBS	3 x AX2.88kWhBS	4 x AX2.88kWhBS	5 x AX2.88kWhBS	6 x AX2.88kWhBS
Nominal capacity (Wh)	5760	8640	11520	14400	17280	20160	
Rated 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 peak (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 location	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 altitude (m)	max. 2000						
Mechanical properties							
Dimensions (W x H x D)	570x350x380	570x470x380	570x590x380	570x710x380	570x830x380	570x950x380	
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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