

Technical Data

AX 5kWh BAT Energy Storage



Specification	AX 5kWh BAT
Order number	9895912
Electrical characteristics	
Battery type	LiFePO4 Prismatic cells
Nominal Capacity [kWh]	5.18
Nominal Voltage [V]	192
Operating Voltage [A]	174 ~ 219
Recommend Discharge Current [A]	13.5
Max. Charge/Discharge Current [A] ¹	27
Peak Discharge Current [A]	65@60 sec.
Peak Charge Current [A]	32.4 @5s
Battery Pack Round-Trip Efficiency [%]	≥95
Depth of discharge [%]	90
Cycle Life	≥5000
Communication	CAN
Display	LED*5
Scalability	Max. 4 Units in Parallel
Operating conditions	
Installation Location	Outdoor / Indoor
Operating Temperature [°C]	Charge 0~55 / Discharge -10 ~ 55
Storage Temperature [°C]	0 ~ 35
Cooling method	Natural Convection
Humidity [%]	5~95 [No Condensing]
Altitude [m]	max. 2000
Mechanical characteristics	
Dimensions [W * H * D] [mm]	380*625*147
Weight [kg]	50.5±2
Certificates	
CE-LVD 2014/135/EU; CE-EMC 2014/130/EU; UN38.3; Battery quality Report IEC 62619; RoHs Directive 2011/65/EU + (EU) 2015/863; WEEE 2012/19/EU; REACH 1907/2006	

¹The current is affected by temperature, cell voltage and SOC.

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