

Battery System

AXE 30.0~60.0H-CE1 EU

- Adopt high -safety LFP battery
- Battery pack modular design, support 30 ~60kWh flexible expansion
- Support 1C continuous charge and discharge
- Battery pack compatible with 19 -inch cabinet installation
- Easy installation and maintenance
- Support multi-cabinet parallel operation



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Datasheet	AXE 30.0H-CE1 EU		AXE 35.0H-CE1 EU	AXE 40.0H-CE1 EU	AXE 50.0H-CE1 EU	AXE 60.0H-CE1 EU
Control module	AXE 1000100-C1 EU					
Number of control module	1					
Battery module	AXE 5.0H-E1 EU					
Battery module energy	5kWh					
Number of modules in series	6	7	8	10	12	
Energy capacity	30kWh	35kWh	40kWh	50kWh	60kWh	
Usable capacity	27kWh	31.5kWh	36kWh	45kWh	54kWh	
Max. output power* ¹	30kW	35kW	40kW	50kW	60kW	
Dimension (W/H/D)	600/1600/800mm			600/2000/800mm		
Weight	≤0.48t	≤0.53t	≤0.58t	≤0.7t	≤0.8t	
Nominal voltage	307.2V	358.4V	409.6V	512V	614.4V	
Operating voltage range	278.4~340.8V	324.8~397.6V	371.2~454.4V	464~568V	556.8~681.6V	
Nominal capacity	100Ah(@25°C)					
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)					
Ingress protection	IP20					
Installation	Floor stand					
Operating temperature	-10~50°C					
Relative humidity	5% ~ 95%					
Cooling	Air-Cooling					
Warranty	5 years (opt. 10 years)					
Noise emission	<60dB					
Maximum elevation	≤2000m					
Control Module AXE 1000100-C1 EU						
Dimension(W/H/D)	482/131/580mm					
Weight	≤15kg					
Communication port	CAN/RS485/USB					
Operating voltage range	120V-1000Vdc					
Maximum current	100A					
Monitoring parameters	SOC, System voltage, current, cell voltage,cell temperature, PCBA temperature					
Battery Module AXE 5.0H-E1 EU						
Nominal energy	5kWh					
Nominal voltage	51.2V					
Pack operating voltage/range	46.4~56.8V					
Battery module dimension (W/H/D)	482/131/580mm					
Battery module weight	≤48.5kg					
UN 38.3, IEC 62619, IEC 60730, IEC 62477, CE, RoHS, UKCA						

* 1 Depend on the max. battery charge/discharge power of the inverter.

* Nominal charge/discharge current and power derating will occur related to temperature and SOC.

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