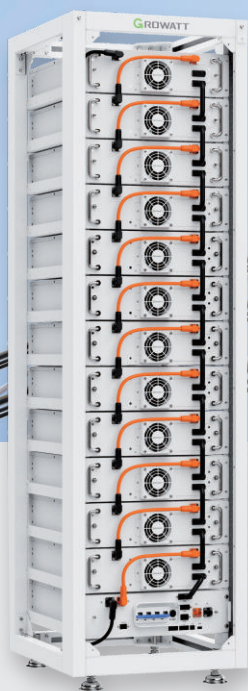


Battery System

AXE 30.0~60.0H-RE1 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-rack parallel operation



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Datasheet	AXE 30.0H-RE1 EU		AXE 35.0H-RE1 EU		AXE 40.0H-RE1 EU		AXE 50.0H-RE1 EU		AXE 60.0H-RE1 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)	570/1560/660mm				570/1964/660mm					
Weight	≤0.38t	≤0.43t	≤0.48t	≤0.59t	≤0.69t					
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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