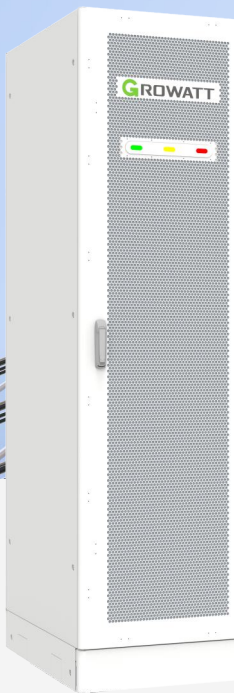


# Battery System

AXE 30.0~ 65.0H-1H-E1

- Adopt high -safety LFP battery
- Battery pack modular design, support 30 ~65kWh flexible expansion
- Support 1C continuous charge and discharge
- Battery pack compatible 19 -inch cabinet installation
- Easy installation and maintenance
- Support multi-cabinet parallel operation



P O W E R  
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**GROWATT**

[www.ginverter.com](http://www.ginverter.com)

Datasheet	AXE 30.0H-1H-E1	AXE 35.0H-1H-E1	AXE 40.0H-1H-E1	AXE 50.0H-1H-E1	AXE 65.0H-1H-E1
Control module	AXE 1000100-C1				
Number of control module	1				
Battery module	AXE 5.0H-1H-E1				
Number of modules in series	6	7	8	10	13
Energy capacity	30.72kWh	35.84kWh	40.96kWh	51.2kWh	66.56kWh
Usable capacity	27.64kWh	32.25kWh	36.86kWh	46.08kWh	59.90kWh
Max. output power *1	30kW	35kW	40kW	50kW	65kW
Max. charge/discharge current	100A				
Compatible inverter	WIT 29.9~50K-XHU				
Dimension (W/H/D)	600/2200/800mm				
Weight	≤0.45t	≤0.5t	≤0.55t	≤0.65t	≤0.8t
Nominal voltage	307.2V	358.4V	409.6V	512V	665.6V
Operating voltage range	278.4~340.8V	324.8~397.6V	371.2~454.4V	464~568V	603.2~738.4V
Ingress protection	IP20				
Installation style	Floor-Mounted				
Operating temperature range	-10~50℃				
Relative humidity	5%~95%				
Cooling	Air-Cooling				
Warranty	10 years				
Noise emission	<65dB				
Maximum altitude	≤2000m				
<b>Control Module</b>			<b>AXE 1000100-C1</b>		
Dimension(W/H/D)	482.6/133.35/600mm				
Weight	≤20kg				
Communication port	CAN/RS485/USB				
Operating voltage range	100V-1000Vdc				
Maximum current	100A				
Monitoring parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature				
<b>Battery Module</b>			<b>AXE 5.0H-1H-E1</b>		
Battery type	Lithium-ion				
Nominal energy	5.12kWh				
Nominal voltage	51.2V				
Pack operating voltage range	46.4~56.8V				
Battery module dimension(W/H/D)	482.6/133.35/600mm				
Battery module weight	≤50kg				
CE/CEC UN 38.3, IEC 62619, IEC 62620, IEC 60730, IEC 61010, IEC 61000-6-2/4/7, BattG 2006/66/EC					

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

\* AXE battery system has European Union models and North American models. The AXE battery is matched according to the output AC voltage of the inverter.

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

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