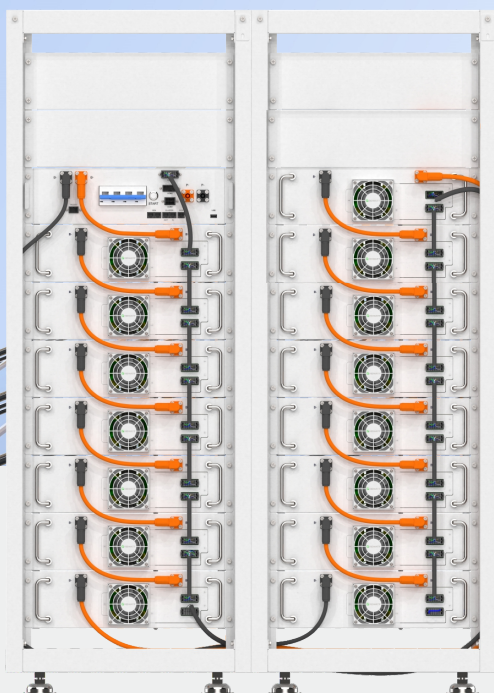


Battery System

AXE 75.0H-1HR-E1

- Adopt high -safety LFP battery
- Long life span, supports 5 years cycle life
- Support 1C continuous charge and discharge
- Easy installation and maintenance
- Support multi-rack parallel operation

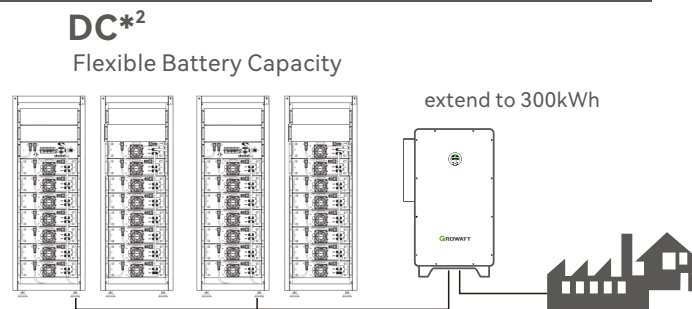
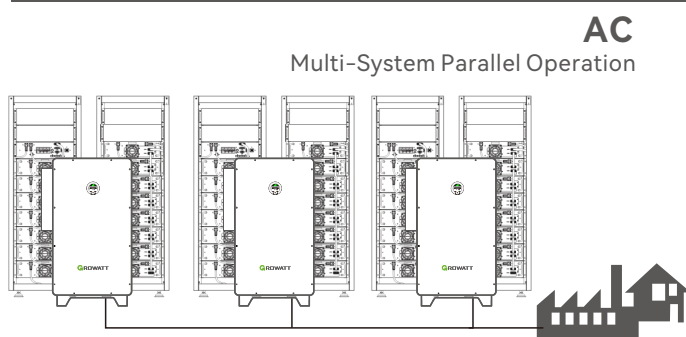


P O W E R
- I N G O
T O M O -
R R O W O

GROWATT

 en.growatt.com

Datasheet	AXE 75.0H-1HR-E1
Control module	AXE 1000100-C1
Number of control module	1
Battery module	AXE 5.0H-E1 EU
Battery module energy	5kWh
Number of modules in series	15
Energy capacity	75kWh
Usable capacity	67.5kWh
Rated output power	75kW
Max. output power* ¹	75kW
Dimension (W/H/D)	570/1560/660mm (per rack)
Weight	≤0.80t
Nominal voltage	768V
Operating voltage range	696~864V
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* ²	5 years
Noise emission	<65dB
Maximum elevation	≤2000m
Compatible PCS	WIT 50-100K-HU
Control Module	AXE 1000100-C1
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
Nominal energy	5kWh
Nominal voltage	51.2V
Pack operating voltage/range	46.4~56.8V
Rated current	100A
Peak current	150A@30s, 25°C
Battery module dimension (W/H/D)	482/131/580mm
Battery module weight	≤47kg
UN 38.3, IEC 62619, IEC 62477, CE, RoHS	



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

* 2 Detailed warranty terms should be negotiated with Growatt in the warranty agreement.

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

SHENZHEN GROWATT NEW ENERGY CO.,LTD All rights reserved. All specifications are subject to change without notice.

SHENZHEN GROWATT NEW ENERGY CO.,LTD.

T: + 86 755 2747 1900

F: + 86 755 2749 1460

A: 4-13/F, Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China

E: info@ginverter.com