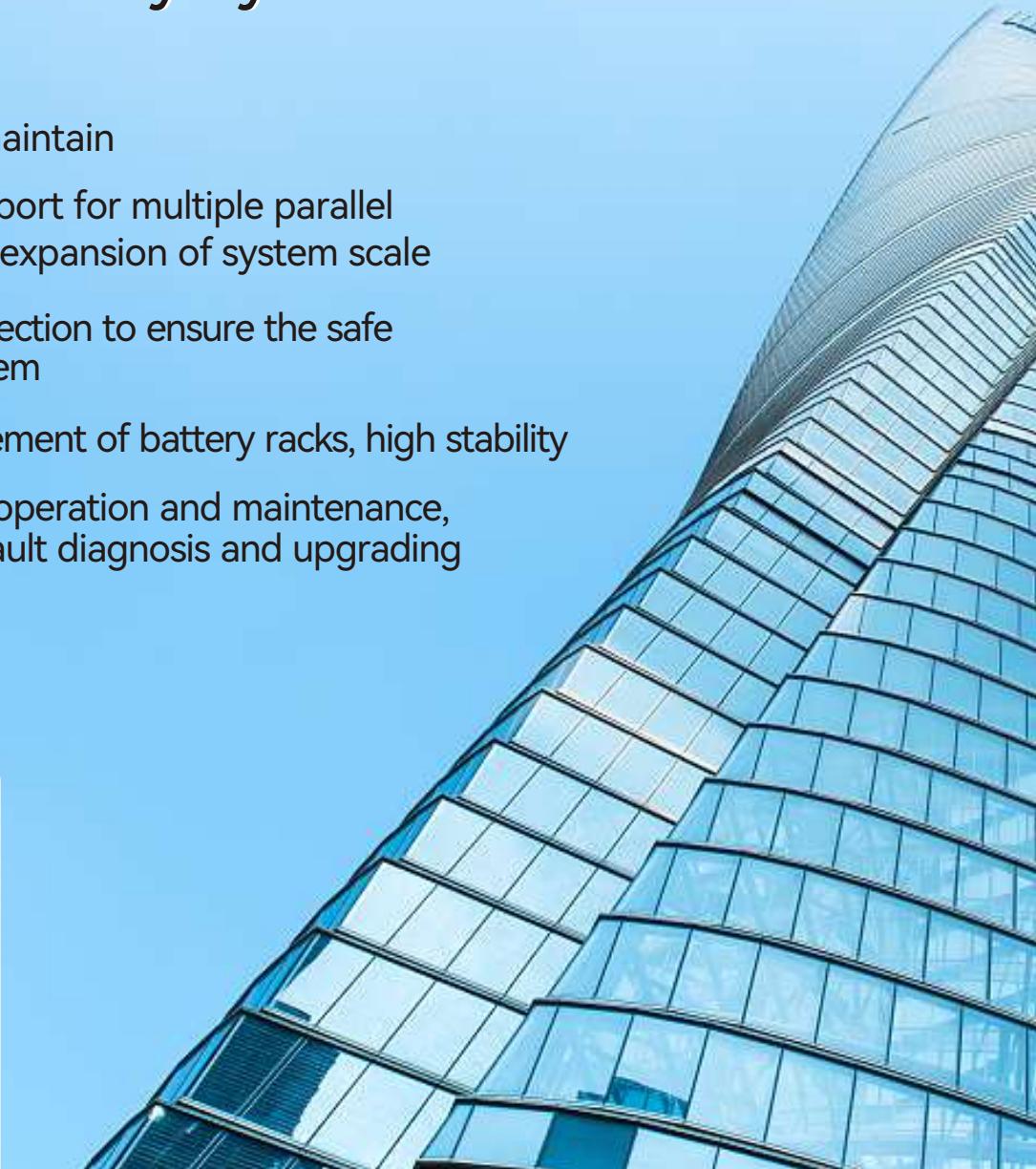
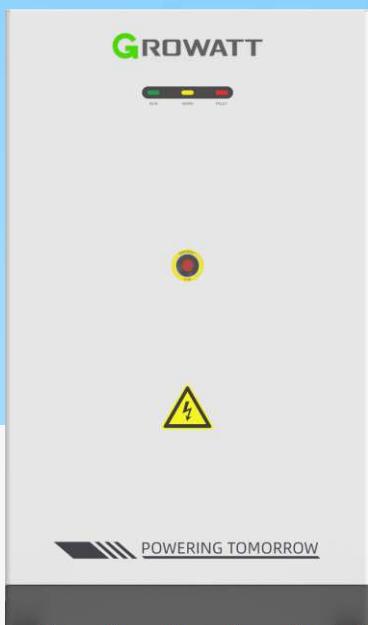


Distributed Battery System

ACE 209H-2H

- Easy to install and maintain
- Modular design, support for multiple parallel operations, flexible expansion of system scale
- Multiple security protection to ensure the safe operation of the system
- Independent management of battery racks, high stability
- Localized minimalist operation and maintenance, supporting remote fault diagnosis and upgrading



Preliminary Version

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

GROWATT

Datasheet		ACE 209H-2H
Control module		ACE 1000140-C1
Number of power modules		1
Battery module		ACE 16.1H-E1
Battery module energy		16.128kWh
Number of modules in series		13
Energy energy		209.6kWh
Usable energy		188.64kWh
Dimension(W/H/D)* ¹		1200/2040/1165mm
Max. output power* ²		100kW
Weight		≤2600kg
Nominal voltage		748.8V
Operating voltage range		655.2~854.1V
Nominal capacity		280Ah(@25°C)
Battery type		Cobalt Free Lithium Iron Phosphate (LFP)
IP protection		IP55
Installation		Floor stand
Operating temperature		-25°C ~ 55°C (>45°C derating)
Relative humidity		5%~95%
Cooling		Air conditioned
Warranty		5 years (opt. 10 years)
Altitude		3000m (>2000m derating)
Control Module		
Control module		ACE 1000140-C1
Dimension(W/H/D)		453/228/800mm
Weight		≤25kg
Communication port		RS485/CAN/LAN
Operating voltage range		300V~1000Vdc
Maximum current		140A
Monitoring parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature	
Battery Module		
Battery module		ACE 16.1H-E1
Nominal energy		16.128kWh
Nominal voltage		57.6V
Pack operating voltage range		54V~65.7V
Dimension (W/H/D)		453/228/887mm
Battery module weight		≤135kg

IEC 62619, CE, UN38.3

*1 Not including air-conditioning system.

*2 Depending 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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