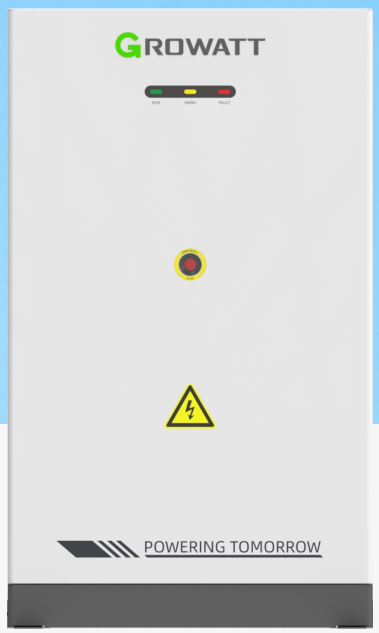
Distributed Battery System

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

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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	1200/2040/1385mm
Max. output power*2	100kW
Weight	≤2300kg
Nominal voltage	748.8V
Operating voltage range	655.2-854.1V
Nominal capacity	280Ah(@25℃)
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)
IP protection	IP55
Installation	Floor stand
Operating temperature	-25℃ - 55℃ (>45℃ 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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