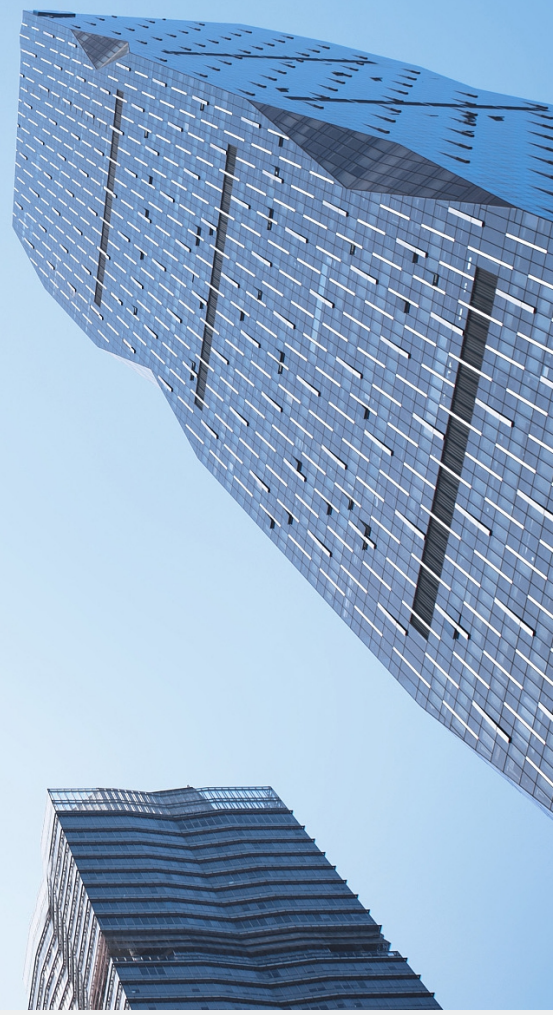
Distributed Battery System

ACE 261H-2H

- Flexible deployment with 1.3m² installation area
- Efficient liquid-cooling temperature control, battery cell temperature difference≤2.5℃, maintains optimal operation
- Supports up to 4 battery cabinets in parallel (DC side), flexible expansion of system scale
- IP55-rated cabinet for reliable outdoor operation
- Cell-level monitoring and diagnostics through the intelligent energy management cloud platform
- Ultimate safety featuring with aerosol fire suppression system and UL9540A certification





Preliminary Version

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Datasheet	ACE 261H-2H
System Parameter	
Energy energy	261.2kWh
Usable energy	248.1kWh
Max. output power*[1]	130kW
Nominal voltage	832V
Operating voltage range	728-936V
Nominal capacity	314Ah
Charging/discharging rate	≤0.5C
Depth of discharge	95%
Max. parallel unit amount	4
Control Module	
Control module	PDU-E15-C250-406W-E-S
Dimension(W/H/D)	480/180/649.2mm
Weight	≤25kg
Communication port	CAN
Battery Module	
Battery module	PL1P52S052B2
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)
Battery module energy	52.24kWh
Dimension (W/H/D)	1127/240/800mm
Battery module weight	≤335±5kg
Number of modules in series	5
General Parameter	
Dimension(W/H/D)	1000/1300/2200mm
Weight	≤2400kg
Installation*[2]	Floor Mount
IP protection	IP55
Cooling	Liquid Cooling
Display&Interaction	Status Indicator Light
Warranty	5 years (opt. 10 years)
Environment Adaptation	
Operating temperature	-25℃ - 55℃ (>45℃ derating)
Storage temperature	-20℃ - 35℃, <12 months 35℃ - 45℃, <6 months 45℃ - 55℃, <3 months 20%≤SOC≤90%
Relative humidity	5%~95%
Max. Operation Altitude	3000m (>2000m derating)
UN38.3, UN3480, IEC61000, IEC62619, IEC60730, IEC 62933, REACH, IEC62477-1, UL9540A	

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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