

Distributed Battery System

ACE 261H-2H

- Liquid cooling keeps cell temperature difference $\leq 2.5^{\circ}\text{C}$
- Supports up to 4 battery cabinets in parallel (DC side)
- UL9540A design with aerosol fire suppression
- 314Ah battery cells with 0.5C system design
- IP55-rated cabinet for reliable outdoor operation
- Supports forklift and crane handling
- Compact design with only 1.3 m² footprint



Preliminary Version

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

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	≤0.5P
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)	1000/2200/1300mm
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°C - 55°C (>45°C derating)
Storage temperature	-20°C - 35°C, <12 months
	35°C - 45°C, <6 months
	45°C - 55°C, <3 months
	20%≤SOC≤90%
Relative humidity	5%~95%
Max. Operation Altitude	3000m (>2000m derating)
UN38.3, Un3480, IEC61000, IEC62619, IEC60730, REACH, IEC62477-1	

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

*² For ground installation, a base is required. The overall dimension including the base is W/H/D=1200/2350/1400mm.

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