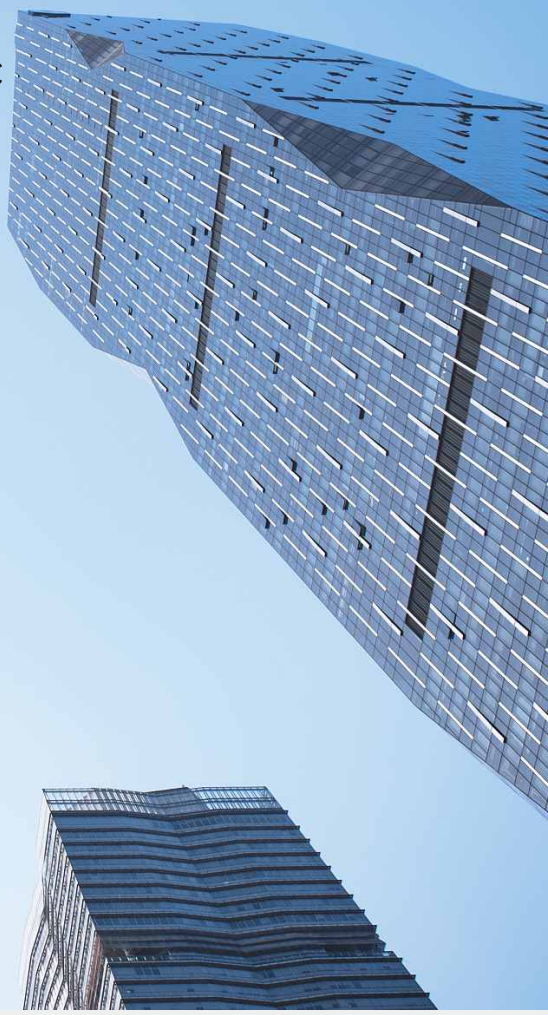
Distributed Battery System

ACE 261H-2H EU

- Liquid cooling keeps cell temperature difference ≤ 2.5°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 m^2 footprint





Preliminary Version

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Datasheet	ACE 261H-2H EU
System Parameter	
Energy energy	261.2kWh
Usable energy	248.1kWh
Max. output power*[1]	130kW
Nominal voltage	832V
Operating voltage range	728-936V
Auxiliary power voltage range	220V, -10%~+10%
Nominal capacity	314Ah
Charging/discharging rate	≤0.5C
Depth of discharge	95%
Max. parallel unit amount	4
Control Module	
Control module	ACE 1000180-C1
Dimension(W/H/D)	480/180/649mm
Weight	<35kg
Communication port	CAN/RS485
Battery Module	
Battery module	PL1P52S052B3
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)
Battery module energy	52.25kWh
Dimension (W/H/D)	1127*240*800mm
Battery module weight	335±10kg
Number of modules in series	5
General Parameter	
Dimension(W/H/D)	1000/2100/1300mm
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℃ - 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	

*[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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