

Distributed Battery System

ACE 261H-2H

- Flexible deployment with 1.3m² installation area
- Efficient liquid-cooling temperature control, battery cell temperature difference $\leq 2.5^{\circ}\text{C}$, maintains optimal operation
- Modular design, support for multiple parallel operations, flexible expansion of system scale
- Cell-level monitoring and diagnostics through the intelligent energy management cloud platform



Preliminary Version

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

Datasheet	ACE 261H-2H
Control module	HVC 1000314-C1
Number of power modules	1
Battery module	GBLI 52.2H-2H-H1
Battery module energy	52.24kWh
Number of modules in series	5
Energy energy	261.2kWh
Usable energy	235.1kWh
Dimension(W/H/D)	1000/1300/2050mm
Max. output power*h	130kW
Weight	≤2300kg
Nominal voltage	832V
Operating voltage range	728-936V
Nominal capacity	314Ah
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)
IP protection	IP55
Installation	Floor mount
Operating temperature	-25°C - 55°C (>45°C derating)
Relative humidity	5%~95%
Cooling	Liquid cooling
Warranty	5 years (opt. 10 years)
Altitude	3000m (>2000m derating)

Control Module

Control module	HVC 1000314-C1
Dimension(W/H/D)	766/168/800mm
Weight	≤20kg
Communication port	RS485/CAN
Max operating voltage	1000Vdc
Maximum current	314A

Battery Module

Battery module	GBLI 52.2H-2H-H1
Nominal energy	52.24kWh
Nominal voltage	166.4V
Charging/discharging rate	≤0.5P
Dimension (W/H/D)	1140/243/770mm
Battery module weight	≤337kg

GB T 36276 GB T 34131 UN38.3

- * 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.

SHENZHEN GROWATT NEW ENERGY CO.,LTD All rights reserved. All specifications are subject to change without notice.