

C&I ENERGY STORAGE

ACE 261H-2H HV Battery

C&I battery · 261.2 kWh


261.2 kWh

ENERGY CAPACITY

832 V

NOMINAL VOLTAGE

IP55

PROTECTION CLASS

5 years

WARRANTY

Parameter	Unit	ACE 261H-2H
Battery		
Nominal energy capacity	Wh	261200
Usable energy capacity	Wh	248100
Nominal voltage	V	832
Operating voltage range	V	728 – 936
Nominal capacity	Ah	314
Cell type		Cobalt-free lithium iron phosphate (LFP)
Max. discharge power	W	130000
Charge/discharge rate		≤0.5P
Max. cell temperature difference	°C	≤2.5
General data		
Dimensions (W x H x D)	mm	1000 × 2200 × 1300
Weight	kg	≤2400
Ingress protection (IP rating)		IP55
Operating temperature range	°C	-25 – 55
Storage temperature		-20-35 °C for <12 months; 35-45 °C for <6 months; 45-55 °C for <3 months (at 20-90% SOC)
Relative humidity	%	5 – 95
Max. operating altitude	m	3000
Cooling		Liquid cooling
Installation		Floor mount
Warranty	years	5 – 10
Communication		
Display		Status indicator light
Communication interfaces		CAN

Parameter	Unit	ACE 261H-2H
Certifications		
Certifications and standards		UN38.3; UN3480; IEC 61000; IEC 62619; IEC 60730; REACH; IEC 62477-1
System		
Max. parallel units		4
Fire protection		Aerosol fire suppression (UL 9540A design)
Control module model		PDU-E15-C250-406W-E-S
Control module dimensions (W x H x D)	mm	480 × 180 × 649.2
Control module weight	kg	≤25
Battery module model		PL1P52S052B2
Battery module nominal energy	kWh	52.24
Number of battery modules in series		5
Battery module dimensions (W x H x D)	mm	1127 × 240 × 800
Battery module weight	kg	≤335

Specifications are subject to change without notice. Values are typical at 25 °C unless stated.
XUSION is a brand of Hunan New Lithium Aviation Technology Co., Ltd.

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