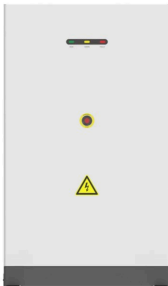


C&I ENERGY STORAGE

ACE 209H-2H HV Battery

C&I battery · 209.6 kWh



209.6 kWh

ENERGY CAPACITY

748.8 V

NOMINAL VOLTAGE

IP55

PROTECTION CLASS

5 years

WARRANTY

Parameter	Unit	ACE 209H-2H
Battery		
Nominal energy capacity	Wh	209600
Usable energy capacity	Wh	188640
Nominal voltage	V	748.8
Operating voltage range	V	655.2 – 854.1
Nominal capacity	Ah	280
Cell type		Cobalt-free lithium iron phosphate (LFP)
Max. discharge power	W	100000
General data		
Dimensions (W x H x D)	mm	1200 × 2040 × 1165
Weight	kg	≤2600
Ingress protection (IP rating)		IP55
Operating temperature range	°C	–25 – 55
Relative humidity	%	5 – 95
Max. operating altitude	m	3000
Cooling		Air conditioned
Installation		Floor stand
Warranty	years	5 – 10
Communication		
Communication interfaces		RS485; CAN; LAN
Monitoring parameters		SOC, system voltage, current, cell voltage, cell temperature, PCBA temperature
Certifications		
Certifications and standards		IEC 62619; CE; UN38.3

Parameter	Unit	ACE 209H-2H
System		
Number of control modules		1
Control module model		ACE 1000140-C1
Control module dimensions (W x H x D)	mm	453 × 228 × 800
Control module weight	kg	≤25
Control module operating voltage range	V	300 – 1000
Control module max. current	A	140
Battery module model		ACE 16.1H-E1
Battery module nominal energy	kWh	16.128
Battery module nominal voltage	V	57.6
Battery module operating voltage range	V	54 – 65.7
Number of battery modules in series		13
Battery module dimensions (W x H x D)	mm	453 × 228 × 887
Battery module weight	kg	≤135

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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