

C&I ENERGY STORAGE

AXE 75H HV Battery

C&I battery · 75 kWh


75 kWh

ENERGY CAPACITY

768 V

NOMINAL VOLTAGE

IP20

PROTECTION CLASS

5 years

WARRANTY

Parameter	Unit	AXE 75.0H-1HR-E1
Battery		
Nominal energy capacity	Wh	75000
Usable energy capacity	Wh	67500
Nominal voltage	V	768
Operating voltage range	V	696 – 864
Nominal capacity	Ah	100
Cell type	Cobalt-free lithium iron phosphate (LFP)	
Rated output power (battery side)	kW	75
Max. discharge power	W	75000
Charge/discharge rate		1C
Max. expandable energy	Wh	300000
General data		
Dimensions (W x H x D)	mm	570 × 1560 × 660
Weight	kg	≤800
Ingress protection (IP rating)		IP20
Installation		Floor stand
Operating temperature range	°C	–10 – 50
Relative humidity	%	5 – 95
Cooling		Air cooling
Noise level	dB	<65
Max. operating altitude	m	≤2000
Warranty	years	5

Parameter	Unit	AXE 75.0H-1HR-E1
Communication		
Communication interfaces		CAN; RS485; USB
Monitoring		SOC; system voltage; current; cell voltage; cell temperature; PCBA temperature
Certifications		
Certifications and standards		UN 38.3; IEC 62619; IEC 62477; CE; RoHS
System		
Number of battery modules in series		15
Compatible PCS		WIT 50-100K-HU
Battery module model		AXE 5.0H-E1 EU
Battery module nominal energy	kWh	5
Battery module nominal voltage	V	51.2
Battery module operating voltage range	V	46.4 – 56.8
Battery module rated current	A	100
Battery module peak current (30 s, 25 °C)	A	150
Battery module dimensions (W x H x D)	mm	482 × 131 × 580
Battery module weight	kg	≤47
Number of control modules		1
Control module model		AXE 1000100-C1
Control module dimensions (W x H x D)	mm	482 × 131 × 580
Control module weight	kg	≤15
Control module operating voltage range	V	120 – 1000
Control module max. current	A	100

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.

E-mail lidreamtec@163.com

WhatsApp +86 133 5280 0772