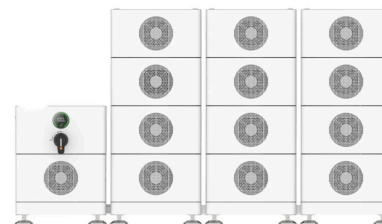


C&I ENERGY STORAGE

AXE 80-261H-2HS-S1 HV Battery

C&I battery · 80 kWh


80 kWh

ENERGY CAPACITY

64 V

NOMINAL VOLTAGE

>8000 cycles

CYCLE LIFE

IP20

PROTECTION CLASS

Parameter	Unit	AXE 80-261H-2HS-S1
Battery		
System energy capacity	kWh	80 – 261
Nominal voltage	V	64
Operating voltage range	V	58 – 71
Nominal capacity	Ah	314
Cell type		LFP (lithium iron phosphate)
Cycle life	cycles	>8000
Cycle life test conditions		0.5C; 25 °C; EOL 70%
Depth of discharge (DoD)	%	95
Max. charge current	A	200
Max. discharge current	A	200
Rated charge/discharge current	A	157
Rated charge/discharge rate		0.5C
Max. expandable energy	Wh	1040000
General data		
Ingress protection (IP rating)		IP20
Installation		Floor mount, indoors
Operating temperature range	°C	–20 – 55
Relative humidity	%	5 – 95
Cooling		Smart air cooling + heating film (optional)
Noise level	dB	<65
Max. operating altitude	m	<3000

Parameter	Unit	AXE 80-261H-2HS-S1
Communication		
Communication interfaces		CAN; RS485; USB
Display		LED screen
Certifications		
Certifications and standards		UN38.3; IEC62619; IEC60730; REACH; IEC62477-1; UKCA; CE
System		
Max. parallel units		4
Fire protection		Pack-level aerosol (optional)
Number of battery modules in series		4 - 13
Battery module model		AXE 20H-2H-B1
Battery module nominal energy	kWh	20
Battery module dimensions (W x H x D)	mm	450 × 230 × 970
Battery module weight	kg	<155
Control module model		AXE 1000200-C1
Control module max. current	A	200
Control module dimensions (W x H x D)	mm	450 × 230 × 970
Control module weight	kg	<35

Specifications are subject to change without notice. Values are typical at 25 °C unless stated.

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