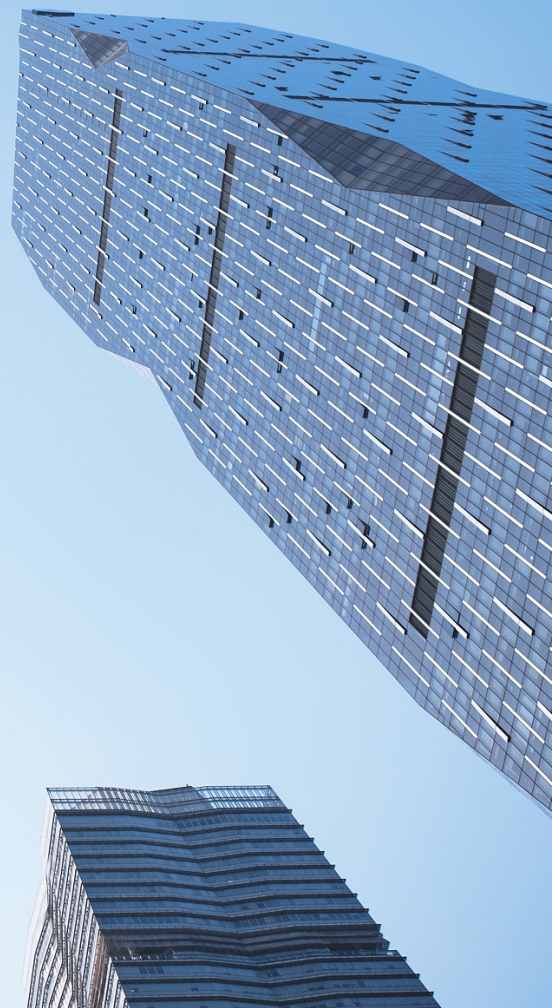
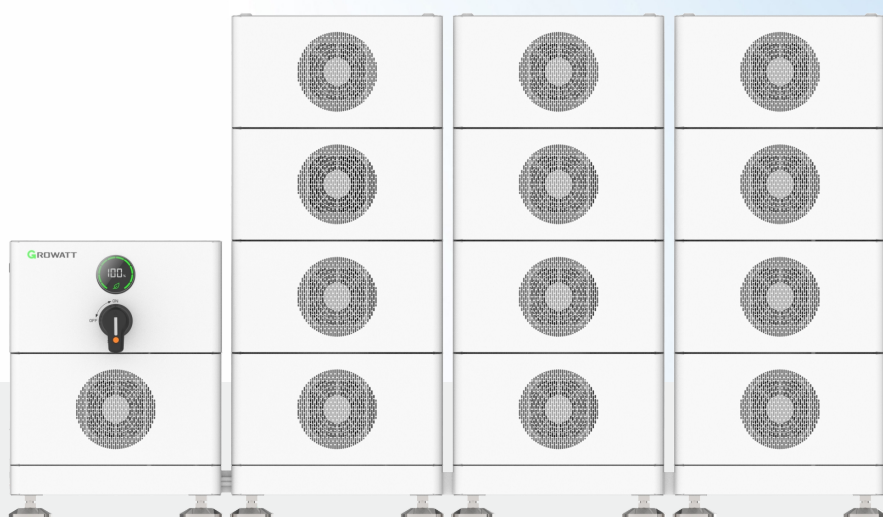


C&I High Voltage Battery Stack

AXE 80-261H-2HS-S1

- Easy installation & Flexible deployment
- Stackable module design battery packs, support 80~261kWh flexible power expansion
- High usable energy with 100% depth of discharge
- Supports up to 4 battery cabinets in parallel (DC side), flexible expansion of system scale
- User-friendly LED screen for monitoring & maintenance



Preliminary Version

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

Datasheet		AXE 80-261H-2HS-S1	
Battery Module			
Battery Pack Model	AXE 20H-2H-B1		
Nominal energy	20kWh		
Nominal voltage	64V		
Operating voltage range	58~71V		
Nominal capacity	314Ah		
Rated charging/discharging current	157A		
Max. charging/discharging current	200A		
Battery type	Cobalt Free Lithium Iron Phosphate (LFP)		
Cycling Life	25±2℃, 0.5C, EOL 70%≥8000		
Dimension (W/H/D)	450/230/970mm		
Battery module weight	≤155kg		
Fire protection	Pack level aerosol (optional)		
Control Module			
Control module	AXE 1000200-C1		
Max. current	200A		
Dimension(W/H/D)	450/230/970mm		
Weight	≤35kg		
Communication port	CAN/RS485/USB		
Display&Interaction	LED Screen		
System in Cluster			
Number of modules in series	4~13		
Max. parallel unit amount	4 clusters ≈ 1.04MWh		
Rated charging/discharging current	157A		
Rated charging/discharging rate	0.5C		
IP protection	IP20		
Installation	Floor Mount, Indoors		
Operating temperature	-20℃ - 55℃		
Relative humidity	5%~95%		
Thermal management	Smart air-cooling + Heating film (optional)		
Noise emission	≤65dB		
Max. Operation Altitude	≤3000m		
UN38.3, IEC62619, IEC60730, REACH, IEC62477-1, UKCA, CE			

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