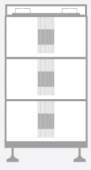
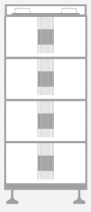
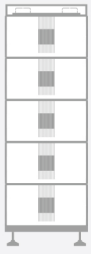
Battery	FlexCore-ID-(60-261)kWh		
Battery Pack			
Battery pack model	FlexCore-ID-BAT20kWh		
Battery type	$LiFePO_4$		
Cell capacity	314 Ah		
Cycle life ①	≥ 8000		
Depth of discharge	Max. 100% DOD		
Configuration	1P20S		
Rated voltage	64 V		
Recommended charge & discharge current	157 A		
Nominal energy	20.09 kWh		
Fire suppression mode	Pack level aerosol		
Dimensions (W × H × D)	532 × 308 × 955 mm		
Weight	154 kg		
Control Box			
Control box model	FlexCore-ID-CB250A		
Max. current	250 A		
Dimensions (W × H × D)	532 × 350 × 1000 mm		
Weight	50 kg		
Communication	CAN / LAN / 4G / WIFI		
Cluster			
Cluster model	FlexCore-ID-(60-261)kWh		
Number of packs in series	3~13		
Nominal energy per cluster	60~261 kWh		
Scalability	Up to 6 units in parallel		
Recommended charge & discharge current	157 A		
Recommended charge & discharge power rate	0.5P		
Operating ambient temperature range	Discharge: -20~55°C; Charge: 0~55°C		
Storage temperature range	-10~45°C		
Relative humidity range	5~85%		
Communication	CAN / LAN / 4G / WIFI		
Max. operating altitude	4000 m		
Ingress protection	IP20		
Cooling	Smart fan-cooling		
Installation method	Indoor stackable		
Noise level	< 75 dB		
Certificates	IEC/EN 62619, IEC 63056, IEC/EN 62477, EN 61000, UN38.3		
			
Number of packs per stand	3	4	5
Nominal energy	60.27 kWh	80.36 kWh	100.45 kWh
Dimensions (W × H × D)	532 × 1050 × 955 mm	532 × 1330 × 955 mm	532 × 1610 × 955 mm
Weight	470 kg	625 kg	780 kg

① This is provided by the battery cell manufacturer. Defined with standard test condition: the battery is within 70%SOH, charge and discharge at a constant current (0.2C) and an ambient temperature at 25°C±2°C.