

261 kWh Integrated Commercial and industrial Energy Storage Cabinet



Item	Specification Parameters	Unit	
Cell Specification	LFP 314Ah 3.2V	/	
Nominal Voltage	832	V	
Rated Capacity	314	Ah	
Rated Energy	261	kWh	
Maximum Continuous Current	203	A	
Charge/Discharge Voltage Range	650V~949V	V	
Rated Charging Power	0.5CP	kW	
Rated Discharging Power	0.5CP	kW	
Cycle Life	≥ 6000 cycles	cycles	
Dimensions	1400*1350*2200	mm	
Weight	2500±20kg	kg	
Operating Temperature	-30°C ~60°C	°C	
Storage Temperature	-20°C ~35°C	°C	
Insulation Resistance	≥ 1MΩ (@DC1000V)	MΩ	
Dielectric Withstand	≤ 1mA (@DC4380V)	mA	
Protection Rating	IP54	/	
Thermal Management	Liquid cooling, heating	/	
AC Characteristics	Nominal Voltage	AC 380V	V
	Rated Power	125	kW
	Maximum Continuous Power	137.5	kW
	Rated Frequency	50Hz/60Hz	Hz
	Total Harmonic Distortion (THD)	≤ 3% (linear load)	%
	AC Output Configuration	3-phase 4-wire	/
Fire Protection System	Fire Detection&Suppression	Hybrid detection + active suppression	
	Fire Extinguishing Agent	Fluoroketone (Novec 1230)	
	Protection Methodology	Pack-level detection & spray + Cluster-level detection & deluge	
Grounding Resistance	Component-to-Cabinet	≤ 1Ω	Ω
	Cabinet-to-Ground	≤ 4Ω	Ω
Additional Features	Surge arrester, Dehumidifier, Water leak sensor	/	