

Commercial Energy Storage Batteries

All-in-one integrated system design inside the Cabinet to fulfill C&I scenarios



Features

IEC 62619 CE MSDS UN38.3



Overall solar+ storage solution



All-in-one design concept



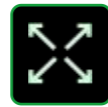
High-level safety design



Convenient outdoor setup



Allow flexible system design



Capacity expandable to megawatts

HEXI-Specification

Model	HEXI-215K
Battery Specifications	
Cell Capacity	280Ah
Battery Voltage Range	672~864V
Nominal Current	140A (0.5C)
System Storage Power	215kWh
AC Specifications (on-grid)	
Nominal Power	100kW
AC Nominal Voltage	400V
Wiring	3P4L+PE
Nominal Frequency	50Hz
AC Maximum Current	158A
Max.number of BESS in parallel	12
AC Specifications (off-grid)	
Nominal Power	100kW
AC Nominal Voltage	400V
Wiring	3P4L+PE
Nominal Frequency	50Hz
AC Maximum Current	158A
Unbalanced Load Capacity	100%
On-grid Switching to Off-grid Time	< 20ms
Off-grid Switching to On-grid Time	< 20ms
Max.number of BESS in parallel	5
Photovoltaic Input	
MPPT Voltage Range	200-670V
MPPT channels	Up to three
Input Power	Single channel 50kW
System Specifications	
Dimensions(W*D*H)	EMS Communication
Weight	≈3300kg
Air Conditioner Power	3kW (Cooling capacity)
Operation Temperature	-20~50°C
Operation Humidity	0~95%(Non-condensing)
Protection Level	IP55
Anti-corrosion Level	≤75dB
Noise Level	≤3000m
Altitude	Fan Cooling
Cooling System	Touch screen (optional)
Display	Aerosol/Heptafluoropropane (FM-200)/Perfluoro
Firefighting	-20~50°C
EMS Communication	Ethernet
Certification	CE/CQC