*Product picture is for reference only. Physical appearance may vary.

Application scenarios

- New energy distribution
- Commercial buildings
- Charging stations.
- Data centers

System Characteristics

- Outdoor IP54 design, adapt to complex environment
- System cycle efficiency ⩾90%
- High density battery
- Intelligent management and scheduling

System composition

- lithium battery + EMS + PCS integration
- Energy storage battery: 215kWh
- Energy storage converter: 100kW

Technical specification:

Model	EcoPower-Cube-L215A
Battery parameters	
Battery type	Lithium iron phosphate
Cell spec	3.2V/280Ah
String configuration	1P240S
Rated DC power	100kW
Rated energy capacity	215.04kWh
Rated voltage	DC768V
Voltage range	DC672~ 852V
The rated charge and discharge rate	0.5C
Cooling	Liquid cooling
AC parameters (on-grid)	
Rated power (kW)	100kW
Overload capacity	110%(long term), 120%(1 min)
Rated current (A)	145A
AC output	3P+N+PE
Isolation	grid-connected without isolation
ACPF	-0.99～+0.99
Rated voltage	400V(-20%～+15%)
Rated grid frequency	50Hz/60Hz±2.5Hz
Full power charge-discharge conversion time	＜100ms
AC parameters (off-grid)	
Rated power (kW)	100kW
Rated voltage	AC400V
Rated grid frequency	50Hz/60Hz
THDU	⩽3%
Unbalance	100%
System parameters	
Max.efficiency	90%
life cycle	⩾8000
Dimension (WxDxH)	1300*1400*2300mm
weight (kg)	2.6T
outlet	Bottom in and bottom out
Operating temperature range	charging:-15°C~52°C、discharging:3°C~52°C
Storage Environment	-20°C~45°C (within a month) 0°C~35°C (within a year) ＜85%ROH(no condensation)
Relative humidity	0~95% (non-condensing)
Working altitude	Standard 2000m(>2000m Derating)
Degree of protection	IP54
Fire configuration	Aerosol, PACK level immersion + active warning
Communication	Ethernet