

POWER CUBE

Power Cube EC105-50K-M01



System efficiency is 5-8% higher than the industry average
Significantly improve system investment ROI



The large capacity cell reduces the system series-parallel connection



Real-time data monitoring and fault recording, early warning, fault location



Pack-level combustible gas detection and fire protection



Industry leading in battery temperature consistency
Effectively extending battery life by more than 10%



Support for parallel, flexible capacity expansion



Integrated design, convenient transportation, reduce installation costs



Support grid-connected and off-grid operation

Model	Power Cube EC105-50K-M01
Battery configuration	
Battery type	NFPF 170Ah
PACK configuration	7.47kWh/1P16S
Battery system configuration	112kWh/1P240S
Voltage Range	360V~816V
AC parameters (on-grid)	
Rated power	50kW
Rated grid voltage	400V, 3W+N+PE
Grid voltage range	360~440V
Rated current	75A
Power Factor Range	-1~+1
iTHD	< 3% (Rated power)
System parameters	
Size of battery cabinet	1600*1080*2270 mm (W*D*H)
Weight of battery cabinet	~2400 kg
Protection level	IP55
Operating temperature range	-30~+50°C (>45°CReduction)
Operating humidity range	0~95% (No condensation)
Maximum altitude	3000m
Communication interface	Ethernet
Communication protocols	Modbus TCP

Note: The above-mentioned products can be customized according to the actual demand. Please contact our sales team for more specific requirements.

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