

# Powercube

Modular Industrial And Commercial ESS Powercube Series  
Powercube 100K-200HT



ZONERGY



The large capacity cell reduces the system series-parallel connection.



Multi-level fire protection to ensure the safe operation of the system.



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



Pack-level air duct design ensures system temperature consistency.



Integrated design, convenient transportation, reduce installation costs.



Support grid-connected, off-grid operation.



Support for parallel, flexible capacity expansion.



Support Web and APP remote monitoring.

Technical parameters:	Powercube 100K-200HT
<b>Battery configuration</b>	
Battery type	LFP 280 Ah
PACK configuration	14.336kWh/1P16S
Battery system configuration	200kWh/1P224S
Voltage Range	627.2-806.4 Vdc
<b>AC parameters (on-grid )</b>	
Rated power	100 kW
Maximum charge and discharge power	110 kW
Rated grid voltage	400, 3W+N+PE
Grid voltage range	360-440 Vac
rated current	150 A
Maximum Current	160 A
Rated grid frequency	50 Hz
Allow grid frequency fluctuations	±5 Hz
Power Factor Range	-1 ~ +1
iTHD	< 3% (Rated power)
<b>System parameters</b>	
Size of battery cabinet	1250*1050*2350 mm (W*D*H)
Weight of battery cabinet	~2000 kg
Protection level	IP55
Operating temperature range	-30~+50°C (>45°CReduction)
Operating humidity range	0~95% (No condensation)
Max. working altitude	3000 m
Cooling mode	Intelligent air-cooled
Isolation mode	No transformer
Communication interface	Ethernet
Communication protocol	Modbus TCP
System certification	EN IEC62477-1, EN IEC62619, IEC60730 Annex H, EN IEC61000-6-2, EN IEC61000-6-4, UN38.3
PCS certification	GB/T34120, IEC 62477-1, IEC61000-6/-2/-4; EN50549, CEI0-21

