

100kW PCS / 215kWh BATTERY

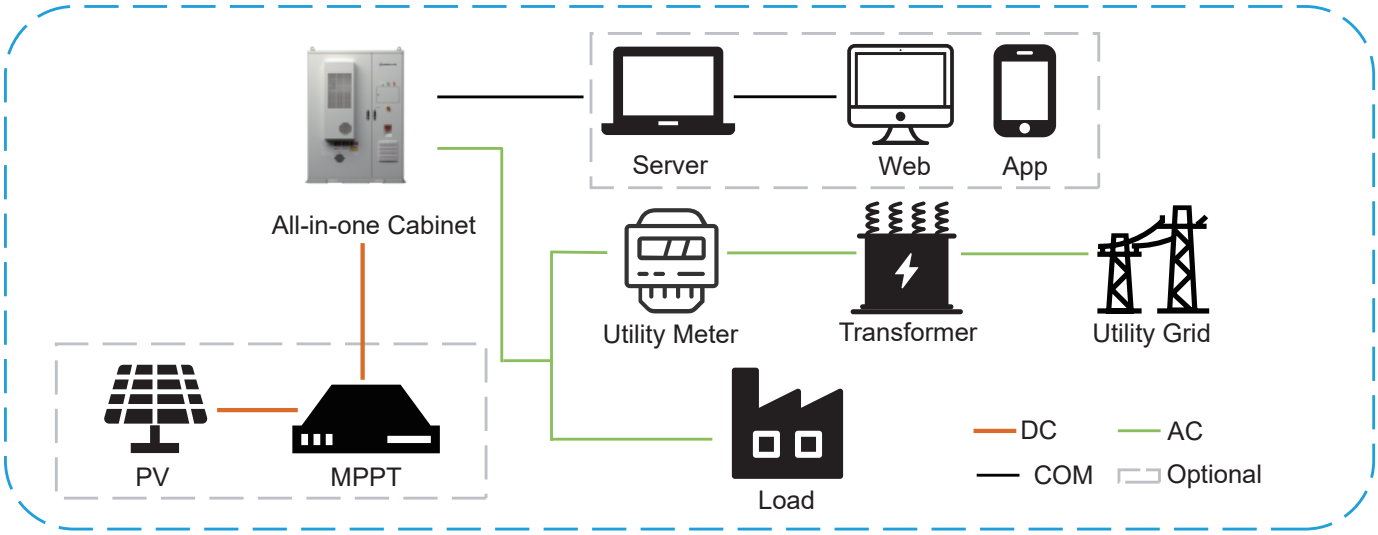
Air Cooling Commercial & Industrial Energy Storage System

Highly Integrated for Easy Deployment
Factory-preassembled design cuts on-site setup complexity significantly.

Modular Expansion, Hassle-Free
Scale multiple systems without full system reconstruction.

Low-Cost O&M, Maximum Security
Forced air cooling ensures easy maintenance and high safety.

Intelligent O&M, Unmanned & Real-Time
Cloud-edge collaboration enables remote, real-time system monitoring.

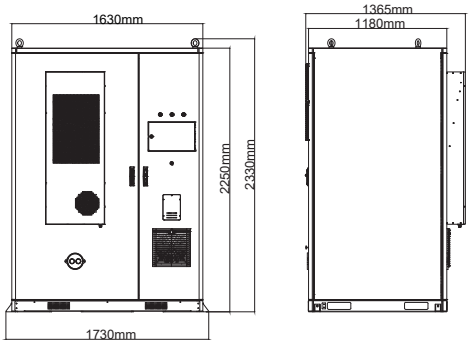


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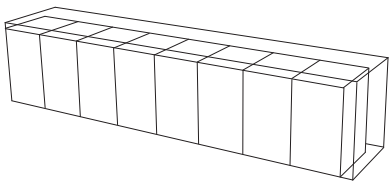


Model		SKTESS215 -100K
DC	Battery Type	LiFePO4
	Nominal Capacity	280Ah
	Battery Configuration	1P240S
	Nominal Energy	215.04kWh
	Nominal Voltage	768V
	Operating Voltage Range	672 ~ 864V
	Max.Continuous Charge / Discharge Current	140A
	Max. Charge-discharge Efficiency	95%(@25°C~30°C，0.5P)
	Charge / Discharge Rate	0.5P
	Cycle Life	≥ 6000(@25°C ± 2°C , 0.5P / 0.5P, 70% EOL)
	Standard Charge/Dlacharge Current	140A
AC Output	Rated Charge / Discharge Power	105kW
	Max Charge / Discharge Power	115.5kW
	Maimum Overload Capacity	110% Long-Term
	Rated Charge / Discharge Current	152A
	Max Charge / Discharge Current	167A
	Rated Output / Grid Voltage	230V / 400V
	Allowed Grid Voltage Range	650~950 ± 15%
	Allowed Grid Frequency	50 / 60Hz
	Voltage Harmonic Distorion	<3%@Linear Load
	Grid Type	(3W+PE) Three-phase three-wire / (3W+N+PE) Three-phase four-wire
	Power Factor	≥0.99 -1 Leading … 1 Lagging
System	Cooling Method	Intelligent Air Cooling
	Ingress Protection	IP54
	Anti-Corrosion Grade	C4
	Max. System Efficiency	88%
	Operating Environment Temperature	-20°C~55°C
	Relative Humidity	15 %~85 % (No Condensing)
	Max. Working Altitude	4000m(＞2000m derating)
	Communication	CAN / RS485 / Ethernet
	Cooling	Air Cooling
	Dimension	1630 x 1365 x 2250mm
	Net Weight	2000kg
	Certification	EN IEC 61000、EN 62109、EN 62477
	Max. Parallel	6 pcs (off-grid)

Packing Configuration

Single Dimension	1820×2480×1460mm
Container	40'HQ
Pieces per Container	8

40'HQ



8 PIECES CONTAINER

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Specifications are subject to change without further notification

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