

125kW PCS /261kWh BATTERY

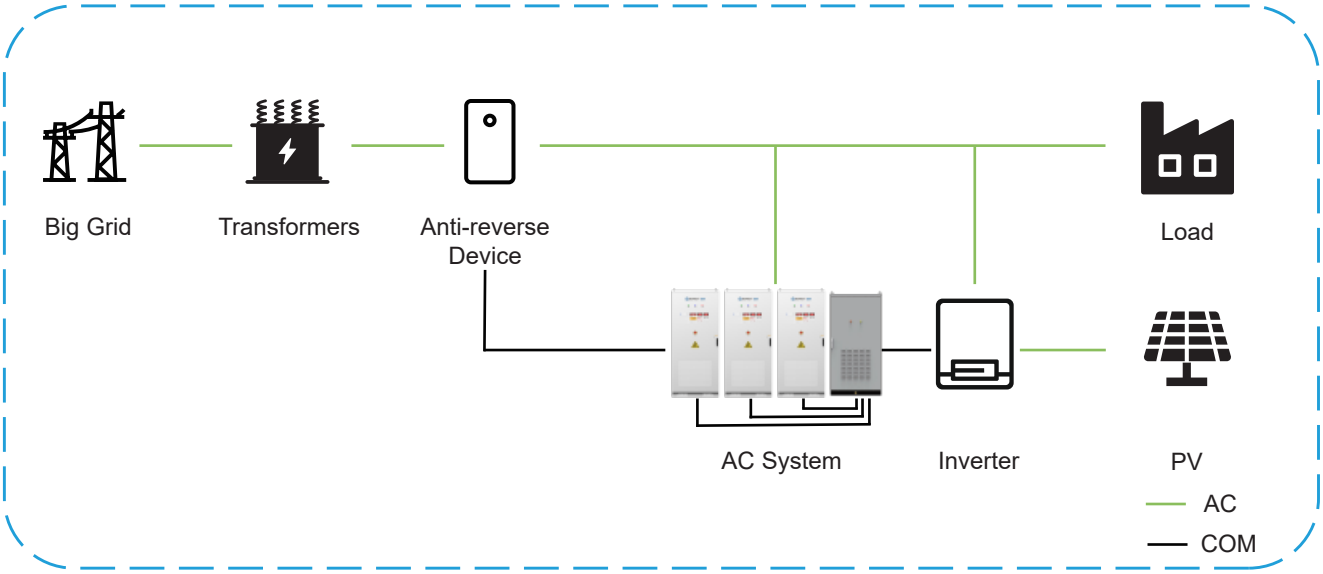
Liquid Cooling Commercial & Industrial Energy Storage System

Safe and Reliable
Lithium Iron Phosphate (LFP) battery cells, real-time online diagnosis, multi-level fuse protection, multiple fire-fighting systems, and system-level physical isolation.

Easy Deployment
All-in-one highly integrated design;
Factory pre-assembly design significantly reduces on-site installation complexity.

Worry-Free Expansion
Modular design enables multi-system expansion without the need for overall system modification.

Intelligent Operation and Maintenance
Cloud-edge collaboration technology enables remote real-time system monitoring and unmanned real-time supervision.

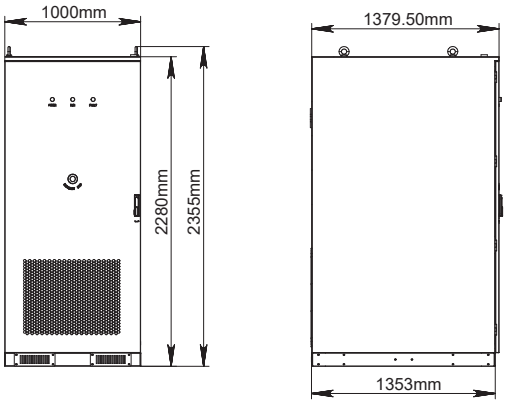


SUNKET-ESS

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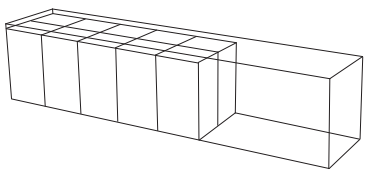


Model		SKTESS261-125K
DC	Battery Type	LiFePO4
	Nominal Capacity	314Ah
	Battery Configuration	1P260S
	Nominal Energy	261.248kWh
	Nominal Voltage	832V
	Operating Voltage Range	702~936V
	Max.Continuous Charge / Discharge Current	190A
	Charge / Discharge Rate	0.5P
	Max. Charge-discharge Efficiency	94%(@25°C~30°C，0.5P)
	Cycle Life	≥ 6000 (@25°C ± 2°C , 0.5P / 0.5P, 70% EOL)
	Standard Charge / Discharge Current	157A
	Fire Protection System	Aerosol
AC Output	Rated Charge / Discharge Power	125kW
	Max Charge / Discharge Power	150kW
	Maximum Overload Capacity	1.2P 1min
	Rated Charge / Discharge Current	182A
	Max Charge / Discharge Current	217A
	Rated Output / Grid Voltage	400V
	Allowed Grid Voltage Range	300-460V On-grid , ±2% Off-grid
	Allowed Grid Frequency	50 / 60Hz
	Voltage Harmonic Distorion	<3%@Linear Load
	Grid Type	3P / N / PE
	Power Factor	-0.99 Leading … 0.99 Lagging
	Cooling Method	Intelligent Air Cooling
System	Ingress Protection	IP54
	Anti-Corrosion Grade	C3
	Max. System Efficiency	88%
	Operating Environment Temperature	-20°C~55°C
	Relative Humidity	0-95%(non-condensing)
	Max. Working Altitude	4000m(＞2000m derating)
	Communication	RS485 / Ethernet / 4G
	Cooling	Liquid Cooling
	Dimension	1000±2*1380±2*2280±5mm
	Net Weight	2.5±0.1t
	Max. Parallel	6 pcs (off-grid)
	System Certification	IEC 62619, IEC 63056 , EN 62477 , EN IEC 61000 , UN38. 3

Packing Configuration

Single Dimension	1506×1176×2490.3mm
Container	40'HQ
Pieces per Container	10

40'HQ



10 PIECES CONTAINER

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Specifications are subject to change without further notification

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