

1MW PCS / 2.17MWh Battery Container

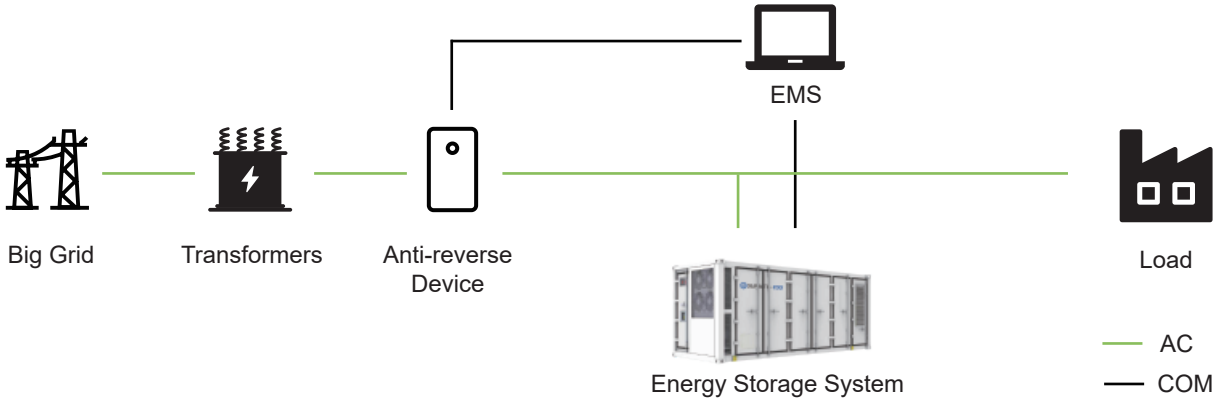
Liquid Cooling Commercial & Industrial Container ESS

Hybrid Cooling System
The liquid-cooled battery system, paired with air-cooled PCS system, provides dual assurance for optimal efficiency and outstanding performance.

String-Based Solution
Each battery cluster is independently managed, enhancing system reliability and stability.

All-in-One Design
Highly integrated 3S system, cooling system, and fire protection system, delivering greater capacity within a smaller footprint.

Standard 20ft Container
Pre-tested and pre-installed before delivery, enabling easy transportation, simple commissioning, and shorter lead times.



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	Model	SKTESS2170-1000K
DC Side	Cell Type	LFP / 314 Ah
	Pack Configuration	48.2 kWh / 1P48S
	System Configuration	2170 kWh / 9P240S
	Rated DC Voltage	768 V
	DC Voltage Range	672 ~ 864 V
	Max. Charge / Discharge Rate	0.5 P
	Max. Depth of Discharge	100% (25 ± 2 °C)
AC Side	Rated Output Power	1000 kW
	Max. Apparent Power	1100 kVA
	Rated AC Voltage	400 V
	AC Voltage Range	±15%
	Grid Type	3W+N+PE
	Rated Frequency	50 Hz / 60 Hz
	Power Factor	0.99/ -1 ~ +1
	THDi	≤3%
	DC Ratio	＜0.5% Ipn
General	Round Trip Efficiency	≥ 87%
	Cycle Life	≥ 8000 cycles
	Communication	Modbus TCP / IP
	Fire Suppression System	Aerosol system(pack level and container level), water spray system
	Ingress Rating	IP55
	Cooling	Liquid cooling+Forced air cooling
	Operating Environment Temperature	-25°C~55°C (Derating after 45°C)
	Anticorrosion Rating	C4 (C5 optional)
	Humidity	5~95% RH (non-condensing)
	Noise	≤ 80 dB
	Altitude	4000m (Derating above 2000m)
	Dimensions (W*D*H)	6058 × 2438 × 2591 mm
	Weight	28T
	Certification	UN38.3, IEC62477-1, CE/EMC, IEC62619, IEC63056, UL9540A, IEC62933 EN50549

Specifications are subject to change without further notification
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