

125kW HYBRID INVERTER / 261kWh BATTERY

Liquid Cooling Commercial & Industrial Energy Storage System

Flexible

Highly integrated
All pre-assembled
Extendable

Reliable

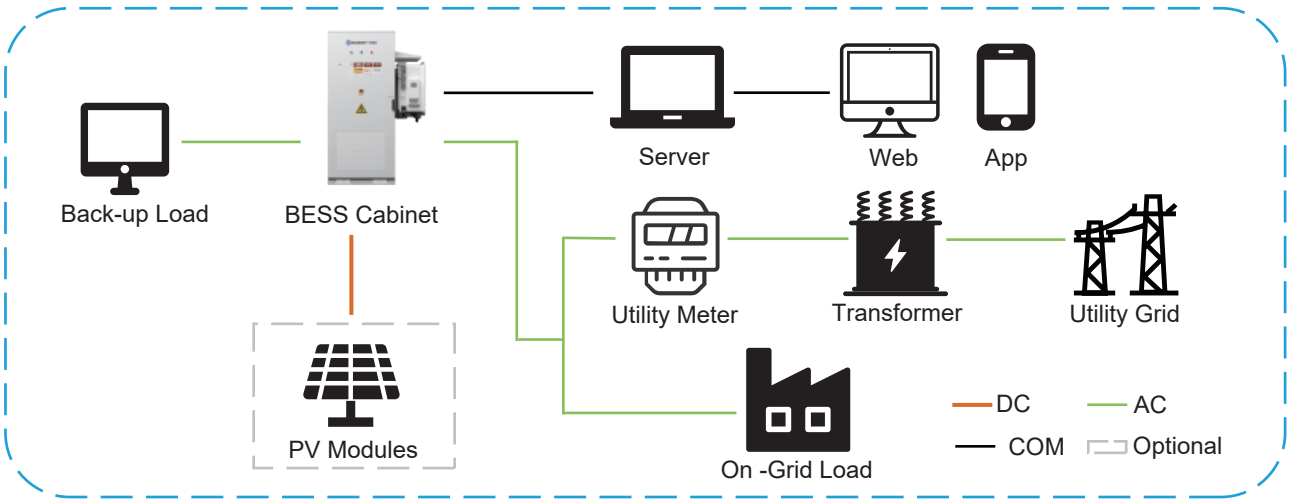
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

Efficient

Intelligent cooling system
＜10ms Switching Off / On-grid

Smart

Intelligent cloud platform management, real-time monitoring of operational status

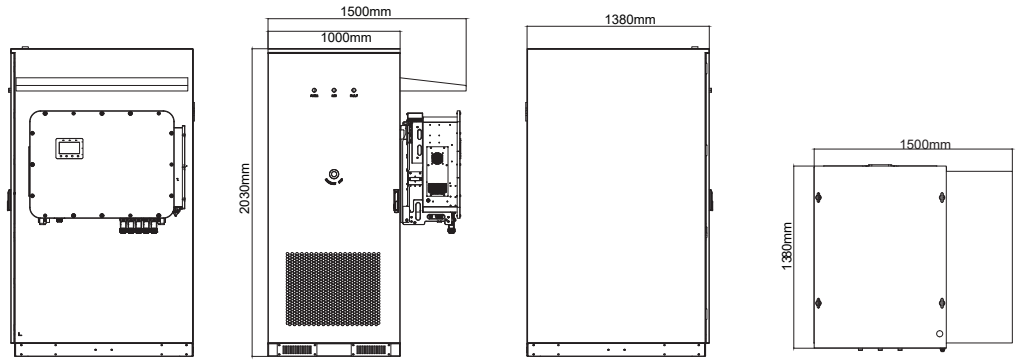


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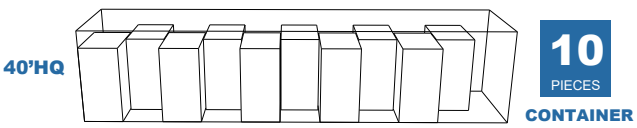
Liquid Cooling Commercial & Industrial Energy Storage System



	Model	SKTESS261-125K
Battery	Battery Type	LiFePO4
	Nominal Capacity	314Ah
	Battery Configuration	1P260S
	Nominal Energy	261.248kWh
	Nominal Voltage	832V
	Operating Voltage Range	728~936V
	Max.Continuous Charge / Discharge Current	157A
	Charge / Discharge Rate	0.5P
	Max. Charge-discharge Efficiency	95% (@25°C~30°C，0.5P)
	Cycle Life	≥ 6000(@25°C ± 2°C , 0.5P / 0.5P, 70% EOL)
PV	Max.DC Input Voltage	1000V
	MPPT Voltage Range	150 ~ 950V
	MPPT Number / Max. Input Strings Number	10 / 20
	Max.Input Current	42A*10
Back-up	Rated Output Power	125kW
	On / Off-grid Switching Time	＜10ms
	Peak Output Apparent Power	175kW,10s / 200kW,200ms
System	Max. AC Output Power	125kW
	Grid Type	3W+N+PE
	AC Output Frequency	50 / 60HZ
	AC Output Voltage	380 / 400V
	Voltage Harmonic Distorion	<3% @Linear Load
	Rated Output Current	189.9A / 80.4A
	Power Factor	0.8 Leading … 0.8 Lagging
	Ingress Protection	IP54
	Anti-Corrosion Grade	C3
	Max. System Efficiency	≥86%
	Operating Environment Temperature	-20°C~55°C（>45Derating)
	Relative Humidity	≤90 % (non-condensing)
	Max. Working Altitude	3000(＞ 2000m derating)
	Communication	CAN / RS485 / WiFi / LAN (Optional)
	Cooling	Liquid Cooling
	Dimension	1500（Incl. rain shield）× 1380 × 2030mm
	Net Weight	2300kg(DC)+170kg(Inverter)

Packing Configuration

Single Dimension	1100×1506×2200mm
Container	40'HQ
Gross Weight	2400kg
Pieces per Container	10



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Specifications are subject to change without further notification
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