

# 125kW HYBRID INVERTER / 241kWh BATTERY

Air Cooling Commercial & Industrial Energy Storage System

## Flexible

Highly integrated
All pre-assembled
Extendable

## Reliable

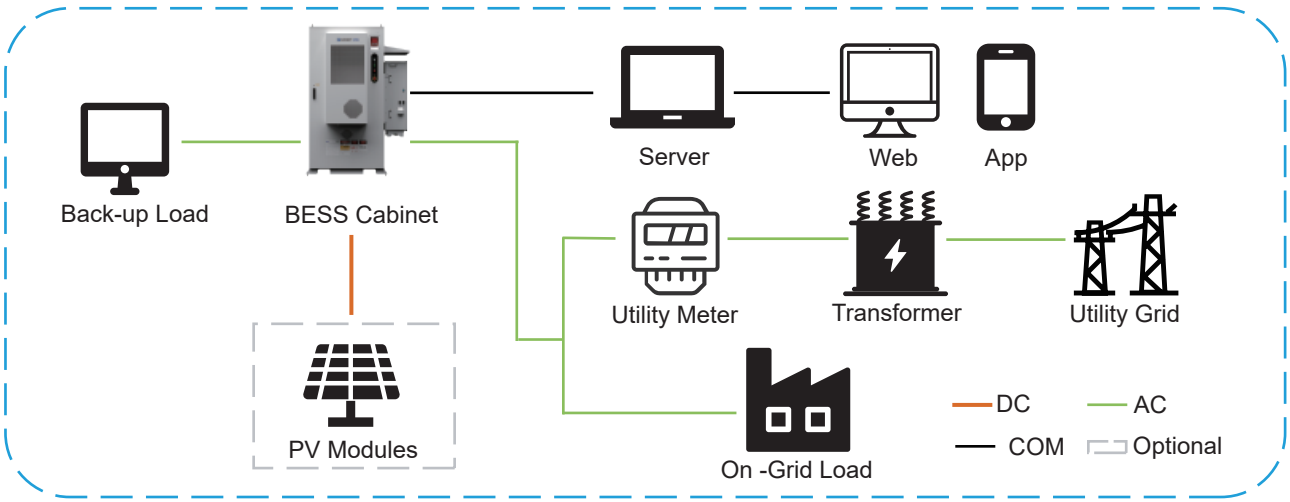
DC electric circuit safety protection
Multi level battery protection
Fire suppression system

## Efficient

Intelligent cooling system
Millisecond-level instant grid-connected and off-grid switching

## Smart

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

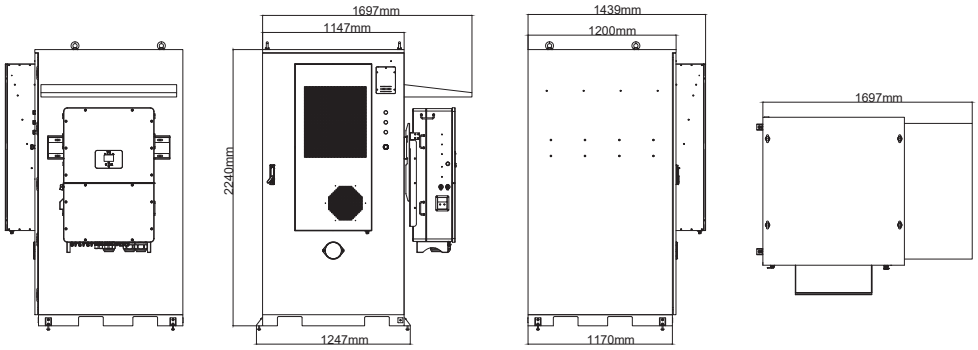



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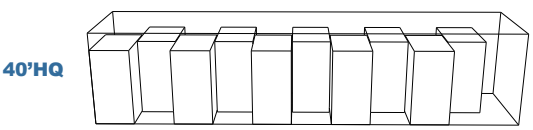
Air Cooling Commercial & Industrial Energy Storage System




| | Model | SKTESS241-125K |
|---|---|---|
| Battery | Battery Type | LiFePO4 |
| | Nominal Capacity | 314Ah |
| | Battery Configuration | 1P240S |
| | Nominal Energy | 241.152kWh |
| | Nominal Voltage | 768V |
| | Operating Voltage Range | 672~ 852V |
| | 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 ~ 850V |
| | DC Inputs | 2+2+2+2+2+2+2+2+2+2 |
| | Max.Input Current | 63A*10 |
| Back-up | Rated Output Power | 125kW |
| | On / Off-grid Switching Time | ＜10ms |
| | Peak Output Apparent Power | 1.5 times of rated power, 10s |
| System | Max. AC Output Power | 125kW |
| | Grid Type | 3W+N+PE |
| | AC Output Frequency | 50 / 45-55, 60 / 55-65HZ |
| | AC Output Voltage | 230 / 400V |
| | Voltage Harmonic Distorion | <3% (of nominal power) |
| | AC Max. Output Current | 195.7A |
| | Power Factor | 0.8 Leading … 0.8 Lagging |
| | Ingress Protection | IP54 |
| | Anti-Corrosion Grade | C4 |
| | Max. System Efficiency | 88% |
| | Operating Environment Temperature | -20°C~50°C |
| | Relative Humidity | 5~95 % ( non-condensing ) |
| | Max. Working Altitude | 3000( ＞2000m derating ) |
| | Communication | CAN / RS485 |
| | Cooling | Air Cooling |
| | Dimension | 1697(Incl. rain shield ) × 1439 × 2240mm |
| | Net Weight | 2329.5kg(DC)+161.7kg(Inverter) |
| | Max. Parallel | 5 |

## Packing Configuration

| | |
|---|---|
| Single Dimension | 1297×1489×2246mm |
| Container | 40'HQ |
| Gross Weight | 2420kg |
| Pieces per Container | 10 |






Specifications are subject to change without further notification
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