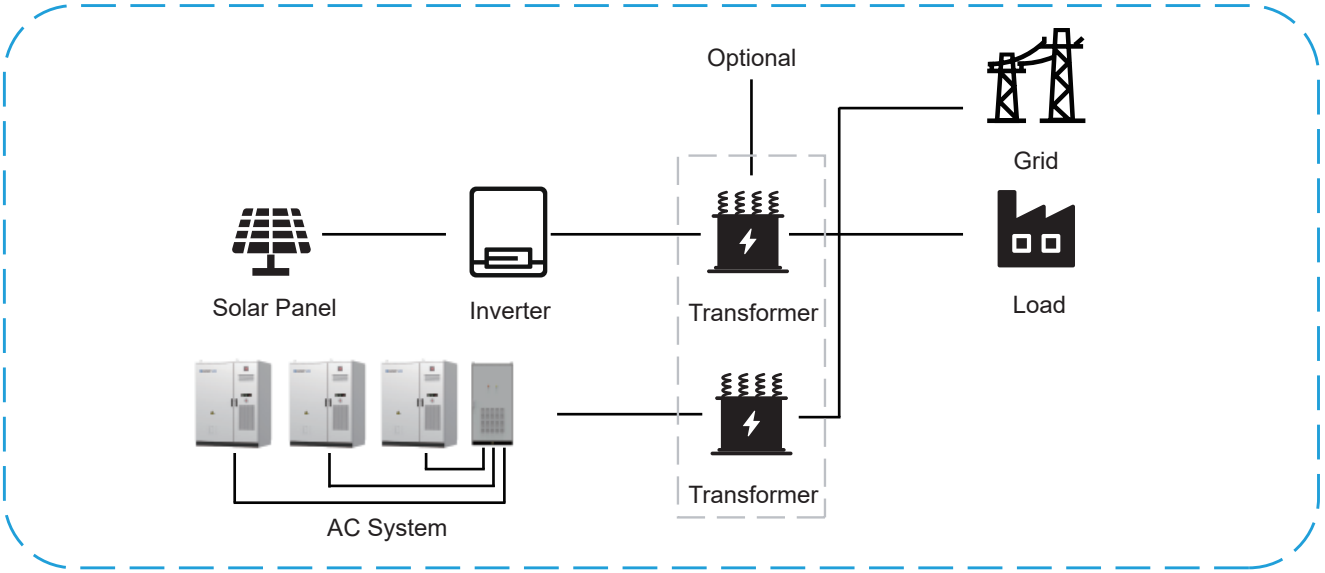



# 100kW PCS /215kWh BATTERY

Air Cooling Commercial & Industrial Energy Storage System

- Standard cabinet design with partitioned isolation,advanced air cooling temperature control,combustible qas detection,and perfluorohexanone firesuppression technology ensure system safety and controllability.
- Stand-alone string design with zero parallel power loss; High-etficiency three-levetopology PCS technology maximizes system conversion efficiency.

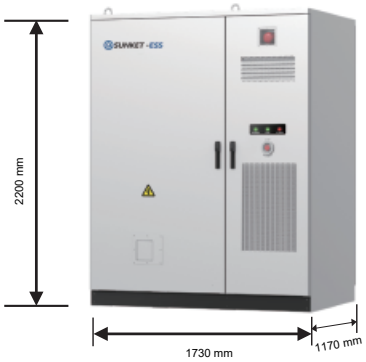



SUNKET -ESS

SUNKET-ESS

# 100kW PCS /215kWh BATTERY

Air Cooling Commercial & Industrial Energy Storage System




| Product Model | SKTESS215-100K | SKTESS215-100K-S |
|---|---|---|
| **Battery Rating** | | |
| Battery Type | LiFePO4 | |
| Cell Capacity | 280Ah | |
| Battery Configuration | 1P240S | |
| Nominal Voltage/Voltage Range | 768/672-864V | |
| Nominal Capacity | 215kWh | |
| Maximum Charge / Discharge Current | 280A | |
| Nominal Charge / Discharge Current | 140A | |
| Calendar Life | 6,000 / 70%EOL (25±2℃, 0.5P) | |
| **PV Rating** | | |
| Maximum Input Voltage | 900V | |
| MPPT Voltage Range | 310-650V | |
| Max. Input Current Per MPPT Channel | 165A | |
| Isc Current Per MPPT Channel | 1800A | |
| MPPT Channels | 2 | |
| Rated Power Per MPPT Channel | 50kW | |
| **AC Grid Rating** | | |
| Nominal Input/Output Voltage | 3L/N/PE, 400/230V | |
| Nominal Frequency | 50/60Hz | |
| Nominal Input/Output Power | 100kW | |
| Max. Input/Output Apparent Power | 110kVA | |
| Nominal Input/Output AC Current | 145A | |
| Max. Input/Output AC Current | 160A | |
| Power Factor | -0.99% ~ +0.99%, At nominal power | |
| **AC Backup Rating** | | |
| Nominal Voltage | / | 3L/N/PE, 400/230V |
| Nominal Frequency | / | 50/60Hz (-2.5 to +2.5Hz) |
| Max. Output AC Current | / | 160A |
| Max. Active Power | / | 100kW |
| Power Factor | / | -0.99%-+0.99%, At nominal Power |
| **General Data** | | |
| System Parallel Units | 8 (On-grid), 4 (Off-grid) | |
| Operating Temperature Range | -20 to 50°C | |
| Operating Humidity Range | 0 - 95%RH | |
| Noise | ≤ 75dB | |
| Dimensions (W*H*D) | 1730×2200×1170mm | |
| Weight | 3000kg | |
| Protection Degree | IP54 | |
| Cooling Method | Air Cooling | |
| Fire Protection Method | Aerosol Fire Suppression | |
| Max. Operating Altitude | ≤ 2,000m | |
| Networking Mode | WIFI / LAN / 4G(Optional) | |

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Specifications are subject to change without further notification

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