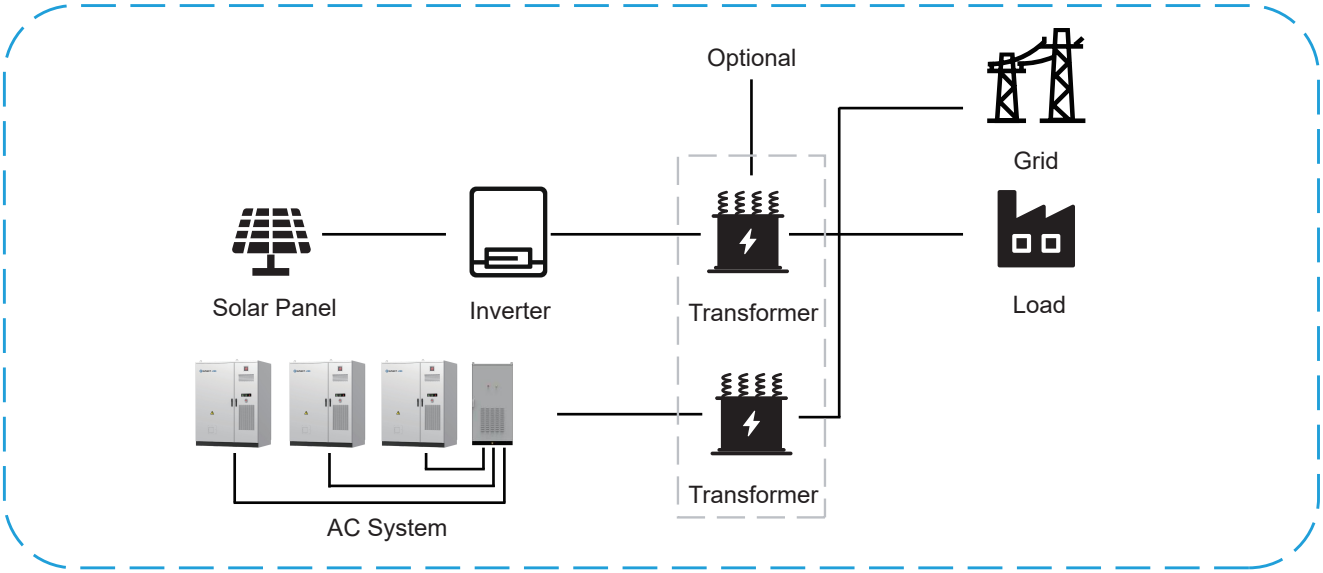


100kW PCS /215kWh BATTERY

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.

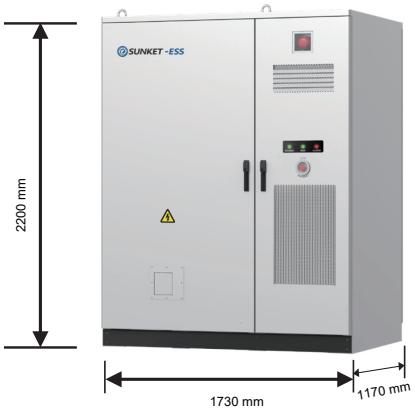


SUNKET -ESS

SUNKET-ESS

100kW PCS /215kWh BATTERY

Air Cooling Commercial & Industrial Energy Storage System



SESS215-100K

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
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)

sunket.com

sales@sunket.cn

Specifications are subject to change without further notification

SKT-EN-2025V1.0 ©Copyright 2025 Sunket