

# COMMERCIAL AND INDUSTRIAL ENERGY STORAGE

Air Cooling Commercial&Industrial Energy Storage System

## PRODUCT FEATURE



### All-in-one Design

- Greatly reduce the time and cost of transportation and on-site installation



### Secure System/Safety

- Equipped with RACK level firefighting, cabin level firefighting and water firefighting (optional)



### Optimized temperature control

- Optimize the air conditioning duct to reduce the temperature difference between the batteries



### Application flexibility

- MPPT and STS can be added, external diesel generator, rich adaptive scenes



### Easy maintenance

- Combination of local EMS and EMS cloud platform, remote maintenance and reduces maintenance costs



**CAS-60KM10UNAC**

# TECHNICAL SPECIFICATION

Basic Parameters	
Capacity	100kWh
System Voltage	DC844.8V
Working Voltage Range	DC739.2V ~ DC950.4V(2.8V ~ 3.6V)
Battery Type	LFP
Battery Capacity	120Ah
Battery Pack Type	1P24S
Battery Cluster Configuration	1P264S(11 Packs)
Remaining power at the end of 10 year	>70.98kWh(70%)
Rated power	60kW
Rated grid voltage	AC380V
Rated grid frequency	50/60Hz
Anti-corrosion Level	≥C3
Optional Parameters	
PV Maximum input power	60kW
PV Maximum DC voltage	DC800V
MPPT voltage range	DC200V ~ DC680V
PV Maximum input current	200A
STS Rated output power	120kW
On-grid and Off-grid switching time	On-grid to Off-grid ≤20ms
Environment	
Operating Temperature	~30℃~55℃
Storage Temperature	~30℃~60℃
Relative Humidity	5%RH~95%RH,No Condensation
Working Altitude	≤2000m
Noise	<70dB
Life	
Equipment Availability Factor (AF)Throughout the Life Cycle	>99%
Others	
Communication	CAN/RS485
Protection Level	IP54
Firefighting	RACK Level Fire Protection
Size(w*d*h)[mm]	1150*1335*2125mm
Weight	About 2.2T