

# Lenercom ESS-10k

## Energy Storage System

### Module integrated energy storage device



## Technical Parameters

Phase	Three-Phase
Rated Output Power	10000W
Max. Grid Output Apparent Power	11000VA
Rated Output Current	15.9A
Single Battery Capacity	5.12kWh
Max No. of Expandable Batteries	4-9
Usable Capacity Range	20.48-46.08kWh
Battery Type	LiFePO4
Battery Output Voltage	125V~600V
Grid Voltage Range	360V~440V
Rated Output Voltage	3W+N+PE 230V/400V
Rated Grid Frequency	50HZ/60HZ Auto Detect
PV Max Input Power	15000W
MPPT Voltage Range	180V~850V
System Charge & Discharge Efficiency	98.2%
Grounding Mode	TN
Switching Time	<20ms
Warranty*	5 years Product Warranty 10 years Performance Warranty

\*Please observe our applicable warranty conditions.

\*Under specific test conditions: 100% depth of discharge (DoD),0-2C rate charged discharge at 25T.

## Features

### Security Protection

Voltage stabilisation, short circuit protection of household applications

### Safety protection

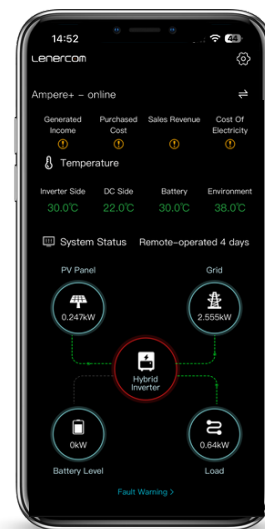
stable voltage, home load short circuit protection technology and fault automatic repair.

### Intelligent Control

APR Remote Monitoring, Fault Automatic Repair

## ENERGY MANAGEMENT SYSTEM(EMS)

- Remote Fault Diagnosis
- Remote Control on Mobile Phone
- Power generation and sell show in real-time.
- Running status show in anytime and anywhere.



## Compatible Parameter

Certifications	CE/TUV
Safety Regulations	IEC 62109-1&-2,
	IEC 62477,MSDS,
	EN 61000, UN38.3
Grid Regulations	G99/I-6:2020;
	EN50549-I:2019/AC:2019;
	EN50549-I:2019 RFG:2016;
	VDE-AR-N 4105:2018;
	EN62116; EN61727;EN6168

## Environmental Specifications

Operating Temperature*	-15°C~55°C
Recommend Temperature	25°C
Altitude	2000M
Humidity	5-95%Without Condensation
Ingress Rating	IP20

When the temperature is below 0T or above 40T, the performance will be limited.

\*We reserve the right to make technical changes. The values, outputs, other technical data, images, and diagrams in this prospectus and in data sheets, advertisements, and other promotional documents are approximate guidelines