



Lenercom ESS-10k

Rated Power: 10kW

Battery Capacity: 15.36—46.08kWh



Security Protection

Voltage stabilization,
short circuit protection
of household applications



Safety protection

Stable voltage, home load short
circuit protection technology



Intelligent Control

APP Remote Monitoring
Fault Automatic Repair

Technical Parameters



LC-E2-1020T



LC-E2-1025T



LC-E2-1030T

Performance Specifications

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	3~9
Usable Capacity Range	15.36~46.08kWh
Battery Type	LiFePO ₄
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
Grounding Mode	TN
Switching Time	≤20ms
Max. Efficiency	98.2%
European Efficiency	97.5%
MPPT Efficiency	99.9%
Warranty	5 years Inverter Warranty 10 years Battery Warranty

Compatible Parameter

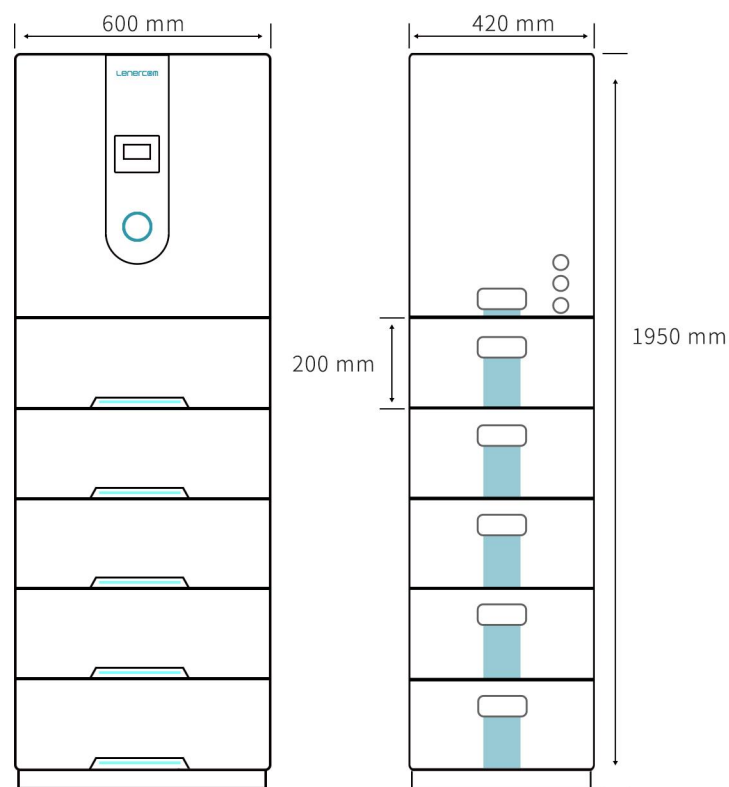
Safety Regulations	IEC 62109-1&-2 IEC 62477 CE-EMC; UN38.3
EMC	EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2021
Grid Regulations	G99/1-6:2020 EN50549-1:2019/AC:2019 ADE-AR-N4105:2018 DIN VDE V 0124-100 (V DEV 0124-100):2020 RFG:2016; NC RFG:2018 PTPIREE:2025

* 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 in all cases where they have not been identified as binding.

Mechanical Specifications*

Inverter Dimensions/Weight	600/420/820mm/65.5kg
Battery Dimensions/Weight	600/420/200mm/54kg
Base Dimensions/Weight	600/420/130mm/17.5kg
Mounting Options	Stacking

* The dimension of the product shall be subject to the real object, with a tolerance of ±3%.



*The dimension of the above picture corresponds to the product model: LC-E2-1025T.

Environmental Specifications

Operating Temperature*	-15°C~55°C
Noise	<35dB
Altitude	2000M
Humidity	5~85%Without Condensation
Ingress Rating	IP20

* When the temperature is below 0°C or above 40°C, the performance will be limited.

Lenercom

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