



Lenercom ESS-10k_(Three-Phase)

Rated Power: 10kW

Battery Capacity: 20.48—46.08kWh



Security Protection

Voltage stabilization,
short circuit protection
of household applications



Safety protection

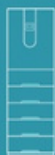
Stable voltage, home load short
circuit protection technology
Fault automatic repair



Intelligent Control

APP Remote Monitoring
Fault Automatic Repair

Technical Parameters



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 | 4~9 |
| Usable Capacity Range | 20.48~46.08kWh |
| Battery Type | LiFePO ₄ |
| Battery Output Voltage | 125V~600V |
| Grid Voltage Range | 176V~270V |
| 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 |
| Designed Lifespan | 10Years |
| 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 charge & discharge at 25°C.

Compatible Parameter

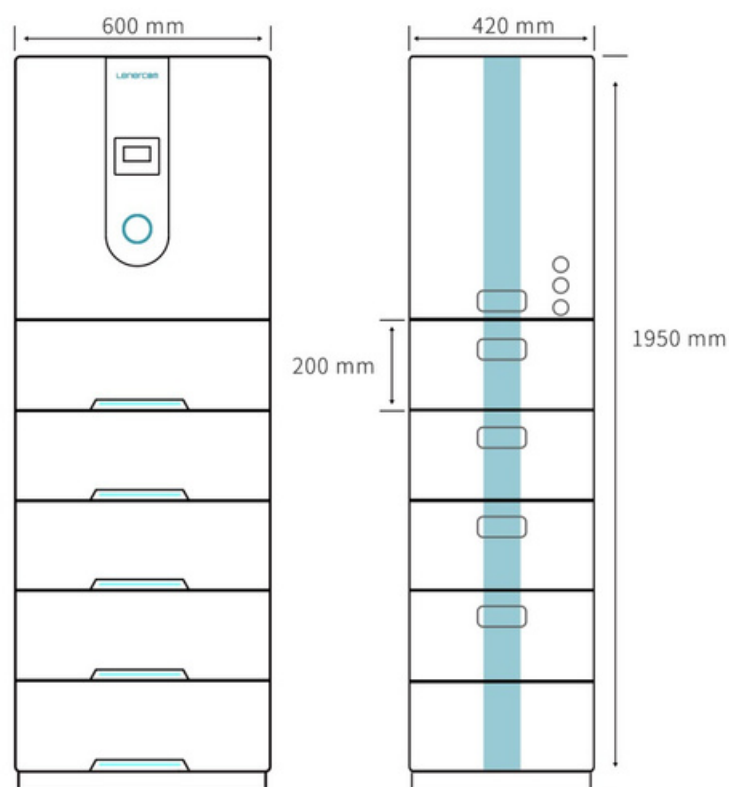
| | |
|--------------------|--|
| Certifications | CE/TUV |
| Safety Regulations | IEC 62109-1&-2, IEC 62477,MSDS EN 61000, UN38.3 |
| Grid Regulations | G99/1-6:2020; EN50549-1:2019/AC:2019; EN50549-1:2019 RFG:2016; VDE-AR-N 4105:2018; EN62116;EN61727;EN61683 |

* 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 |
| Recommend Temperature | 25°C |
| Altitude | 2000M |
| Humidity | 5~95%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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