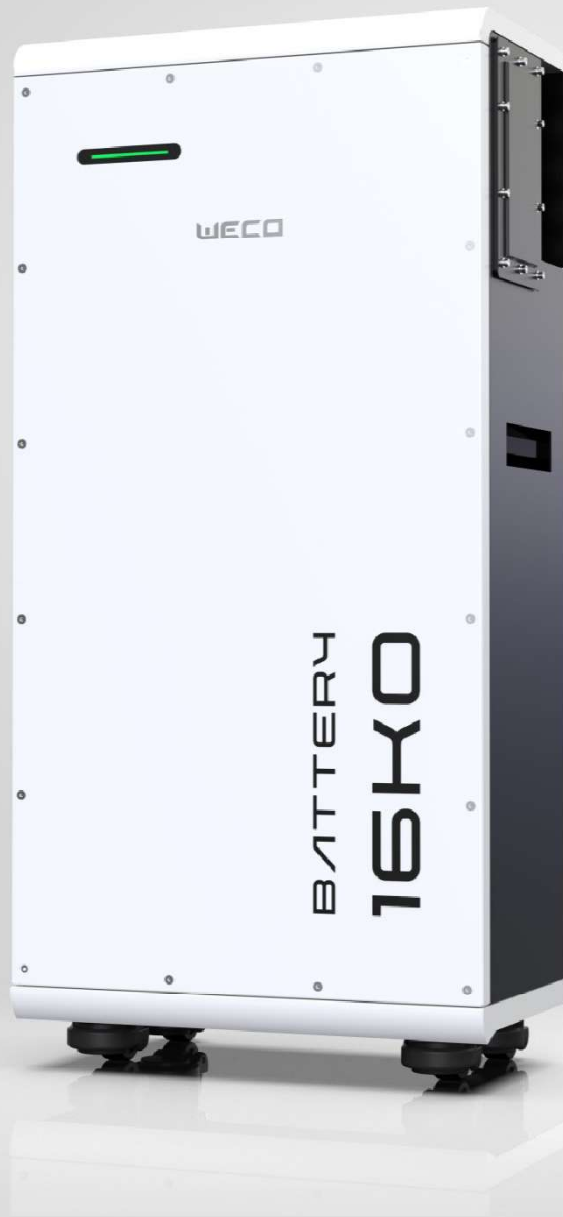


WECO



Versatile.
Powerful.
Compact.

16K0-LV

LOW VOLTAGE

Lithium energy storage system

WeCo Brand and **WECO** logo are registered brands of WeCo srl Italia



16K0-LV

Specifications

| | | |
|------------------|--|--|
| BATTERY | Maximum capacity of the storage system | 16.3 kWh |
| | Battery system capacity | 16.06 kWh |
| | Rated voltage of the individual module | 51.2 Vdc |
| | Maximum depth of discharge | Up to 98% |
| SYSTEM | Modules expandability | 105 con LV HUB |
| | Input protection | IP66 |
| | Voltage range | 46.5 ~ 56.8 Vdc |
| | Net capacity | 314Ah |
| COMUNICATION | Communication interface | RS485, CAN, RS232, Wi-Fi & Bluetooth (con dispositivo esterno) |
| BASIC PARAMETERS | Dimensions (W x D x H) (mm) | 480 x 1000 x 262 |
| | Weight | 122 kg |
| | Max. Charge/discharge current | 320 A DC |
| | Standard charge/discharge current | 155Adc |
| | Discharge temperature | -20 ~ +60 °C * |
| | Charge temperature | -5 ~ +55 °C * |
| | Standard temperature range | 25 °C ± 10°C |
| | Humidity | 5 % ~ 95 % no condensation |
| | Altitude | < 3000 m |
| | Expected life cycle @ STC | > 8000 (25°C 80% DoD) |
| | Standard | CB / IEC62368-1 / IEC62619 / CE /EMC / UN38.3 |
| | Safety features | CAN discharge logic, 3-step adaptive charging logic 2 x programmable DI / DO Optional device for remote monitoring and control with WeCo App for Android / iOS Pre-Charge + Contactor Protection Three levels of protection, real-time balancing, adaptive charging |



*The above temperatures are limited to BMS ranges, such values may not be covered by the performance warranty. It is recommended to contact WeCo for the latest datasheet, read the warranty and manual before making any purchasing decisions. No part of this document may be copied or reproduced without written permission from WeCo. All data is subject to change without notice.

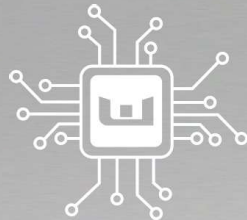


FEATURES



SEISMIC PROOF STRUCTURE

The battery exhibits exceptional resilience to seismic activity, ensuring uninterrupted power supply and system reliability during earthquakes



ALWAYS BALANCED CLUSTER

Automatic balancing control logic

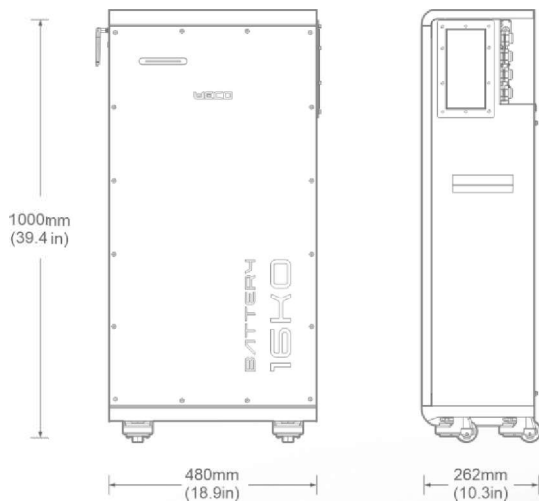


POWER AND MODULAR CAPACITY

16K0 can support up to 105 modules in parallel for unprecedented capacity

- Plug and Play Expansion with Master Controller
- Up to 105 modules per cluster
- Expand capacity later
- Plug & Play configuration

EASY EXPANDABILITY AT ANY TIME



16K0-LV

LITHIUM ENERGY STORAGE
SYSTEM



WECO

The next
generation
of batteries
has arrived:
it's called
WeCo.

FEATURES



QUICK INSTALLATION

Easy installation with Plug & Play self-configuration.



SEISMIC PROOF STRUCTURE

uninterrupted power supply
and system reliability during
earthquakes



EXPANSION MODULE

support up to 105 modules in
parallel for unprecedented
capacity



WECO

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