



Versatile.
Powerful.
Compact.

16K0-LV

LOW VOLTAGE

Lithium energy storage system



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 with LV HUB Accessory
	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)	492 × 580 × 155
	Weight	84 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.
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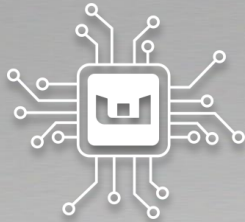


FEATURES



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

965mm
(38.0 in)



480mm
(18.9 in)



262mm
(10.3 in)



16K0-LV

LITHIUM ENERGY STORAGE
SYSTEM

WECO

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

WECO

BATTERY
16K0-LV

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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