

**WECO**



Neat.  
Flexible.  
Universal.

**8K0 PRO**

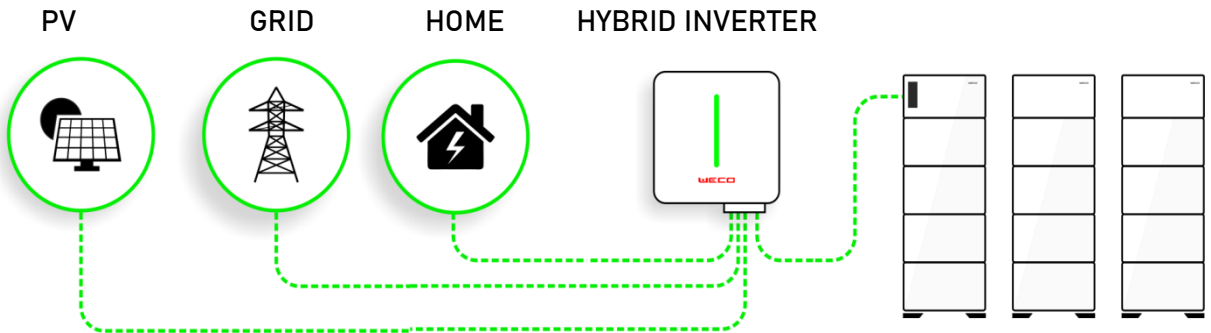
**IP66 ENERGY STORAGE SYSTEM**

Future-proof your home with cutting-edge technology for long-term energy security

WeCo Brand and **WECO** logo are registered by WeCo Srl Italia

**WeCo** APP  
MAKE YOUR  
LIFE EASIER

Energy  
at your  
Fingertips



# MAKE YOUR HOME GREEN

ELEVATE YOUR LIFESTYLE

Protect Our Planet: Green Smart Homes for a sustainable tomorrow.  
Monitor and automatically manage your 8K0 PRO anywhere

# 8K0 PRO

RESILIENCE

## Your Ultimate Solution for Extreme Conditions!



Unleash the Power of Outdoor Energy with the  
**8K0 PRO Battery**

# WECO

OPERATIONAL

High Voltage

**430 Vdc**

3 x Cluster Peak Power

**42 kw**

3 x Cluster Capacity

**96 kWh**

Outdoor  
installation



Ambient  
Operative  
Temperature

**-10**

**+40 °C**

Active Balancing  
System at Pack Level



## FEATURES

**IP66 CERTIFIED  
FOR THE GREAT OUTDOORS**

Designed to brave the elements, the 8K0 PRO is your all-weather ally. With its IP66 rating, it's dust-tight and water-resistant, ensuring peak performance in any outdoor scenario.

**BUILT-IN HEATING SYSTEM FOR  
CHILLING CLIMATES**

Our cutting-edge heating system keeps the battery cells above critical temperatures, ensuring unwavering performance even in freezing conditions.

**PLUG & PLAY**

Easy installation, just 20 minutes in two persons, no set up is required and no cables between inverters and batteries, all is plug and play and cables less. Installation method error free and with final self check control made via APP using the Wizard commissioning Tool.

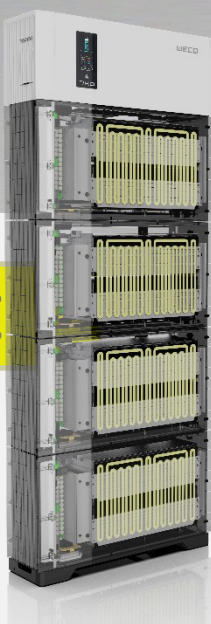
**ADVANCED FIRE SUPPRESSION  
IN EVERY MODULE**

Safety first and always!  
Each 8K0 PRO module comes equipped with a sophisticated fire suppression system, offering unparalleled safety and peace of mind.



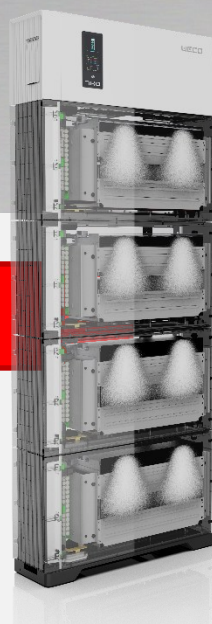
0°C

Without Dynamic  
Heating control



15°C

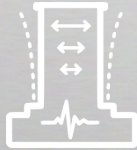
With Dynamic  
Heating control



Individual fire suppression system at  
pack level when inner temperature is  
over 160°C

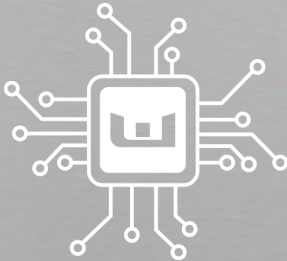


## FEATURES



### SEISMIC PROOF STRUCTURE

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



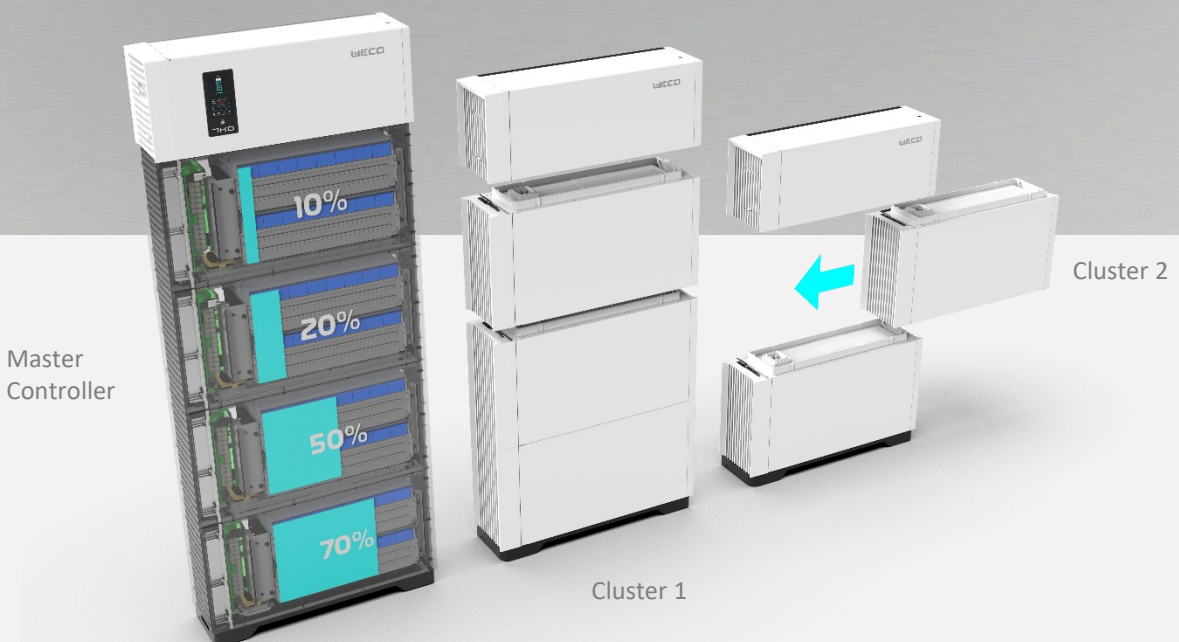
### MODULARITY MEETS POWER

Scale up effortlessly! Connect up to 4 modules in parallel to form a cluster and link up to 3 clusters for a grand total of 12 units. The 8KO PRO provides a flexible, scalable, high-capacity energy storage solution that adapts to your ever-changing needs.

- Plug and Play expansion with Master controller.
- Up to 12 modules and 96 kWh.
- Add Cluster Anytime, no time restriction.
- Plug & Play configuration, no settings required.

## Cluster Always Balanced

## Easy Expandability at any time



Experience unparalleled durability, safety, and flexibility with the 8KO PRO Battery – your perfect partner for sustainable, high-efficiency energy storage.

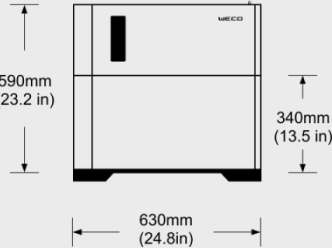
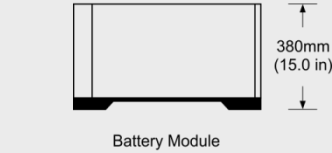
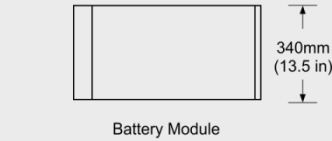


# 8K0 PRO

## ENERGY STORAGE SYSTEM

High Voltage

### Specifications



HV – PACK  
SYSTEM

HV – PACK  
MODULE &  
BATTERY

DC /DC  
V-Booster  
Converter /  
Operations

System Expandability	Up To 12 Batteries Per System (max. 3 Clusters)
System Nominal Voltage	430 Vdc
System Max. Current (Three Clusters Full Configuration)	9.3 ~ 112 A (9.3 A *12 HV-Pack Modules)
System Protections	Auto Contactor, Fuse, Breaker
Ambient Temperature Range	-5 °C ~ +40 °C
Fire Protection System Activation	165 °C +/- 5 °C
Installation	Stackable/Floor
Performance Warranty	10 years / 6000 cycles
IP Rating	IP66
Communication To Inverter	CAN BUS
External Communication And Monitoring	Wi-Fi Bluetooth (accessory IP66 antenna)
Module Nominal Voltage	430 - 450 Vdc (25.6 Vdc pre-DC/DC converter)
Module Voltage Range	400 ~ 450 Vdc
Battery Type	LiFePO4
Cell Capacity	314 Ah
Total Capacity	8.04 kWh
Charge Mode	CC - CV
Standard Charge / Discharge Current	9.3 A DC / 9.3 A DC
Max. Charge / Discharge Current	15 A DC / 15 A DC
Battery Inner BMS Protections	Over Charge / Over Discharge Over Temperature / Over Current
Dimensions (W x D x H) (mm)	630 x 340 x 255
Weight	68 kg
Installation Method	Cableless Plug & Play stack
System Type	DC/DC Converters, Isolated Buck / Boost
Low Voltage Battery Side V / I Range	23.2 - 28.4Vdc
High Voltage V-booster Side V / I Range	400 - 480 Vdc
Standard / Peak Power	4 kW / 6.5 kW
BMS Operating Temperatures	-20 °C ~ +65 °C

The temperatures mentioned above are limited to BMS ranges, such extreme values may not be covered by the performance warranty. We recommend that you contact WeCo for the most up-to-date datasheet, read the warranty and manual before making any purchase decisions. No part of this document may be copied or reproduced without the written permission of WeCo. All data is subject to change without notice. \* The heating system implies the connection to the grid and/or the availability of energy from solar sources and batteries to be powered and perform its function continuously.

# WECO

## FEATURES



### FIRE FIGHTING SYSTEM

Built-in fire suppression kit, 4-layer system level protection, all-round BMS protection.



### RELIABLE

LFP battery, IP66 rated design.



### HEATING SYSTEM

Built-in battery heating module ensuring unwavering performance even in freezing conditions.



### OUTDOOR INSTALLATION

Designed and ready to withstand various weather conditions\*



### AUTO BALANCING

System self-balancing logic with predictive algorithm.



### EXPANSION MODULE

Add modules anytime



### USER-FRIENDLY

APP & web portal interface LCD display for easy access.

# BK0 PRO

## ENERGY STORAGE SYSTEM

\* See terms and conditions manuals and warranty

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