

**NEW  
PRODUCT**

**SK3-EVO**

The  
Evolution  
of the  
Revolution

**WECCO**



# SK3 - EVO

DUAL VOLTAGE OUTDOOR MODULE

One Battery, Two Voltages - Total Power, Total Freedom.

The brand and logo **WECCO** WeCo are registered by WeCo Srl Italia



# 5K3-EVO

## SINGLE MODULE DUAL VOLTAGE OUTPUT

### Specifications

BATTERY	Module Capacity (kWh)	5,22
	Single Module Nominal Voltage (VDC)	51.2
	Application	Dual Voltage
	Modules Expandability	LV Mode: Max 15 Modules in Parallel / 105 with HUB LV HV Mode: Max. 17 Modules in Series / 170 with multi-cluster
	Voltage Range (VDC)	47,5 - 56.8 BMS Dynamically Adjusts the Operating Values
	Capacity (Ah)	102 (Cell Capacity 108 Ah)
	Usable Capacity at max DoD (Wh)	5115 Wh
SYSTEM	Dimensions (mm)	680 x 440 x 160
	Weight (kg)	50
	Charge / Discharge Peak (A)	100
	Recommended Working Conditions *	0.5C 90% DoD
	DoD	Up to 98%
COMMUNICATION	Communication Port	RS485, CAN, RS232
BASIC PARAMETERS	Communication Accessories (For Master Only)	Wi-Fi / Bluetooth Integrated
	Discharge Temperature (°C) **	-20 ~ +60 °C
	Charge Temperature (°C) **	-10 ~ +55 °C
	Shelf Temperature (°C) **	0 ~ +45 °C
	Ingress Protection	IP 66 (HV) / IP64 (LV)
	Humidity (%)	5 ~ 95 %
	Elevation (m)	< 3000
	Design Life	10 Years (25°C)
	Expected Life Cycles	> 7000 (25°C)
	SAFETY STANDARDS	Standards
Features		Auto Balancing BMS, 16 Channels Equalizer, Module Local Monitoring.
Protections		Fuse: 150 A / 60 VDC Contactor 150A/60vdc
Notes		Real-time Balancing, Adaptive Charge/Discharge CAN Logic, Three Steps Adaptive Charging Logic, 2xdi/DO Programmable Ports, Mobile App For Monitoring, Control, Debugging, Firmware Update, And Historical Information.



# 1C

Charge Discharge



\* Refer to the warranty document for the warranted performance.

\*\*The temperatures mentioned above are limited to BMS ranges, these 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.

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## FEATURES



### INTEGRATED HEATING SYSTEM FOR COLD CLIMATES

State-of-the-art heating system keeps battery cells above minimum temperatures, ensuring consistent performance even in persistently cold conditions.



### ADVANCED FIRE SUPPRESSION SYSTEM

Safety always comes first!  
Each battery module is equipped with a sophisticated fire suppression system, providing unparalleled security and peace of mind.



### HIGH VOLTAGE SCENARIOS

Min. 2 Modules + HV BOX.  
Max. 17 Modules / 1000Vdc.

Total 10 Clusters of 17 Batteries  
**887 kWh.**



### LOW VOLTAGE SCENARIOS

From 1 Single Module.  
Max. 15 Modules per Cluster.

Total 7 Clusters of 15 Batteries  
**548 kWh.**



Vertical stack installation up to 8 modules.  
Lock the battery modules with the brackets provided and bind the batteries to the wall with suitable mechanical supports.

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**WECO**

## FEATURES

IP 66

DUAL VOLTAGE

WALL MOUNTED

FLOOR MOUNTED

INTEGRATED WIFI & BLUETOOTH

The Next  
Generation  
**BATTERIES** are  
here and they  
are WeCo.



The next generation of DUAL VOLTAGE MODULE batteries offers scalable, weather-resistant energy storage, perfectly suited for solar applications where reliability and flexible voltage support are essential.

## CERTIFICATES

**WECO**

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