

**NEW
PRODUCT**

SK3-EVO

The
Evolution
of the
Revolution

WECO



SK3 - EVO

DUAL VOLTAGE IP66 MODULE

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



1C

Charge Discharge



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: 17 in series / 170 with HUB HV
SYSTEM	Voltage Range (VDC)	47,5 - 56.8
	Capacity (Ah)	BMS Dynamically Adjusts the Operating Values
	Usable Capacity at max DoD (Wh)	102 (Cell Capacity 108 Ah)
	Dimensions (mm)	5115 Wh
COMMUNICATION	Weight (kg)	680 x 440 x 160
	Charge / Discharge Peak (A)	50
	Recommended Working Conditions *	100
	DoD	0.5C 90% DoD
BASIC PARAMETERS	Communication Port	Up to 98%
	Communication Accessories (For Master Only)	RS485, CAN, RS232
	Modules in Series Connection	Wi-Fi / Bluetooth Integrated
	Modules in Parallel Connection	Up to 17 Modules and up to 10 clusters in parallel
SAFETY STANDARD	Discharge Temperature (°C) **	Up to 15 Modules and up to 7 clusters in parallel
	Charge Temperature (°C) **	-20 ~ +60 °C
	Shelf Temperature (°C) **	-10 ~ +55 °C
	Humidity (%)	0 ~ + 45 °C
	Elevation (m)	5 ~ 95 %
	Design Life	< 3000
	Expected Life Cycles	10 Years (25°C)
	Standards	> 7000 (25°C)
	Features	IEC62619; UL1973; CE; IEC 61000; UN38.3;
	Protections	Auto Balancing BMS, 16 Channels Equalizer, Module Local Monitoring.
	Notes	Fuse: 150 A / 60 VDC Contactor 150A/60vdc



* 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.



HIGH VOLTAGE SCENARIOS

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

Total 10 Clusters of 17 Batteries
887 kWh.



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.



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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DUAL VOLTAGE IP66 MODULE

WECO

FEATURES

DUAL VOLTAGE

WALL MOUNTED

FLOOR MOUNTED

INTEGRATED WIFI & BLUETOOTH

WEB PORTAL ASSISTANCE

The Next
Generation
BATTERIES are
here and they
are WeCo.



The next generation of
DUAL VOLTAGE IP66
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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