

**NEW
PRODUCT**

SK3-EVO

The
Evolution
of the
Revolution

WECO



SK3 - EVO

DUAL VOLTAGE IP65 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 Expandibility	LV Mode: Max 15 Modules in Parallel / 105 with HUB HV Mode: 17 in series / 170 with HUB
	Voltage Range (Vdc)	47,5-56.8
	Capacity (Ah)	BMS dynamically adjusts the operating values
	Usable Capacity (Wh)	102 (cell full capacity 108Ah)
	Dimension (mm)	5220
	Weight (kg)	680*440*160
	Charge / Discharge Peak (A)	50
SYSTEM	Recommended	100
	Depth of Discharge	0.5C 90%DoD
	Communication Port	Up to 98%
COMMUNICATION	Communication Accessories (for master only)	RS485, CAN, 232
	Communication Accessories (for master only)	WiFi/Bluetooth Dongle
BASIC PARAMETERS	Modules in serial Connection	Up to 17 Modules and up to 8 clusters in parallel
	Modules in Parallel Connection	Up to 15 Modules and up to 8 clusters in parallel
	Discharge Temperature (°C)**	-20 ~ +60
	Charge Temperature (°C)**	-10 ~ +55
	Shelf Temperature (°C)**	0~ +45
	Humidity (%)	5 ~ 95
	Altitude (m)	< 3000
	Design life	10 Years (25°C)
SAFETY STANDARD	Expected Life Cycles EOL 80%	> 7000 (25°C)
	Standards	IEC62619 UL1973 CE IEC 61000 UN38.3
	Features	Auto balancing BMS, 16 channels equalizer, Module local monitoring,
	Protections	Fuse: 150A / 60Vdc
		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.
	Notes	Fuse: 150A / 60Vdc
		Contactor 150A/60Vdc, 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.



*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. No part of this document may be copied or reproduced without the written permission of WeCo. All data is subject to change without notice.



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 8 clusters of 17 batteries
710 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

Parallel up to 105 Modules
548 kWh

Total 8 clusters of 15 batteries
626 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 IP65 MODULE

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The Next
Generation
BATTERIES
are here
and it's
WeCo.

FEATURES

DUAL VOLTAGE
WALL MOUNTED
FLOOR MOUNTED
INTEGRATED WIFI & BLUETOOTH
WEB PORTAL ASSISTANCE

The next generation of
DUAL VOLTAGE IP65
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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