

**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 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 (Wh)	102 (Cell Capacity 108 Ah)
	Dimensions (mm)	5220 Wh
COMMUNICATION	Weight (kg)	680 * 440 * 160
	Charge / Discharge Peak (A)	50
	Recommended Working Conditions	100
	DoD	0.5C 80% DoD
BASIC PARAMETERS	Communication Port	Up to 98%
	Communication Accessories (For Master Only)	RS485, CAN, RS232
	Modules in Series Connection	Wi-Fi / Bluetooth Dongle
	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
SAFETY STANDARD	Elevation (m)	5 ~ 95 %
	Design Life	< 3000
	Expected Life Cycles EOL 80%	10 Years (25°C)
	Standards	> 7000 (25°C)
SAFETY STANDARD	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
		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 SCARIOS

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 SCARIOS

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 IP65 MODULE

WECO



The Next
Generation
BATTERIES
are here
and they
are 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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