

WECO



5K₃XP

The
Queen

5K3-XP

DUAL VOLTAGE MODULE

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

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5K3-XP

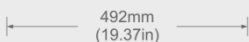
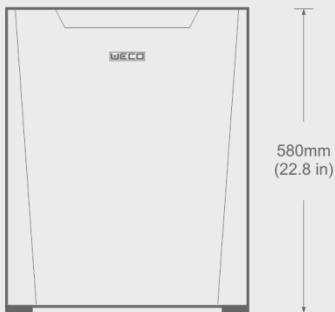
SINGLE MODULE

RAL 7016



Specifications

BATTERY	Model Name	5K3-XP-EU
	Max. usable battery system capacity	5.37 kWh
SYSTEM	Rated voltage of the individual module	51.2 Vdc
	Application	Low Voltage
	Module expandability	15 direct parallel (105 with LV HUB accessory)
	Ingress Protection	IP20 (Indoor Application Only)
	Net Cluster Capacity	80.55 ~ 563.85 kWh (With LV HUB For Multi-cluster Application)
	Voltage range	46,5 ~ 56,8 Vdc
	Usable capacity	105 Ah
	COMMUNICATION	Communication interfaces
BASIC PARAMETERS	Dimensions (D x H x W) (mm)	492 x 580 x 170
	Weight	54 kg
	Max. Charge/Discharge Current	Up to 1C max.
	Standard Charge/Discharge Current	0.5C
	Forced Charge Control	@ 2% DoD (programmable)
	BMS Working Temperature*	-20 ~ +65 °C
	Max. DoD %	98%
	Recommended Working Temperature Range	25 °C ± 10 °C
	Humidity	5 % ~ 95 % RH non-condensing
	Altitude	< 3000 m
	Expected Life Cycle @ STC	> 7000 (25 °C 80% DoD)
	Warranty**	Performance Warranty 10 years
	Standard	CB / IEC62368-1 / IEC62619 / CE / UN38.3
	Features	Dual Voltage Application (HV application requires HV BOX). LV KIT (Cables and Brackets) to be ordered separately. Three Protection Levels, Real-Time Balancing, Adaptive Charge/Discharge CAN Logic, 3-Steps Adaptive Charging Logic, 2 x programmable DI / DO. Remote Monitoring & Control with WeCo App for Android / iOS.



**It is possible to register the product on the wecare-wecobatteries.com portal to check the warranty status.

*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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5K3-XP

STACKABLE LV



Specifications

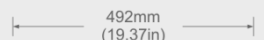
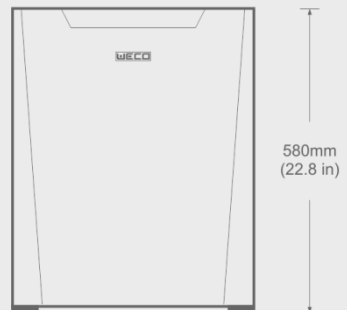
BATTERY	Module	2	3	4	5	5+5+5
	Usable Battery System Capacity (kWh)	10.74	16.11	21.48	26.85	80.55
SYSTEM	Depth of Discharge	98%				
	Voltage Range	46,5 ~ 56,8 Vdc				
STORAGE REQUIREMENTS	Storage Period	Up to six months without recharging (see manual)				
	Working Temperature	Charge -5 °C ~ +55 °C, Discharge -20 °C ~ +65 °C				
BASIC PARAMETERS	Standard Temperature Range	25 °C ± 10 °C				

SERIES CONNECTION HV

Specifications

HV Series Connection (With HV Box)

BATTERY	Battery Module	2	3	4	5	5+5+5
	Usable Battery System Capacity (kWh)	10.74	16.11	21.48	26.85	80.55
SYSTEM	Voltage Range (Vdc)	95-113	140-170	190-227	235-284	752-852
	HV Application Max. Depth of Discharge	98%				
COMMUNICATION	Communication	RS485, CAN 232, Wi-Fi (built-in HVBOX)				
BASIC PARAMETERS	IP Rating	IP20				
	BMS Working Temperature	-20 ~ +65 °C				
	Recommended Temperature Range	25 °C ± 10 °C				
STORAGE REQUIREMENTS	Storage Period	Up to six months without recharging (see manual)				



Vertical installation of the modules with terminals facing upwards.
Lock the battery modules with the brackets provided and bind the batteries to the wall with suitable mechanical supports.

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5K3 XP

DUAL VOLTAGE MODULES

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FEATURES:

DUAL VOLTAGE

WALL MOUNTED

FLOOR MOUNTED

INTEGRATED WIFI & BLUETOOTH

WEB PORTAL ASSISTANCE

Efficient. Compact. Versatile.



WECO

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