

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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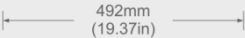
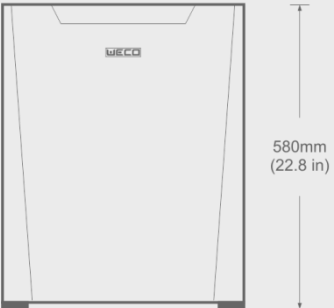
5K3-XP

SINGLE MODULE
RAL 7016



Specifications

BATTERY	Model Name	5K3-XP-EU
	Maximum 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	79.5 ~ 556.5 kWh (With LV HUB For Multi-cluster Application)
	Voltage range	46,5 ~ 56.8 Vdc
	Usable capacity	105 Ah
	Communication interfaces	RS485, CAN, RS232, Built-in Wi-Fi & Bluetooth
BASIC PARAMETERS	Dimensioni (D × H × W) (mm)	492 × 580 × 170
	Weight	54 kg
	Max. Charge/Discharge Current	Up to 1C max.
	Standard Charge/Discharge Current	0.5C
	Forced Charge Control	@ 2% DoD (programmabile)
	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)
	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



*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



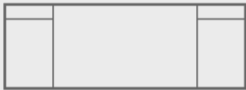
Specifications

BATTERY	Module	2	3	4	5	5+5+5
	Battery System Capacity (kWh)	10.6	15.9	21.2	26.5	79.5
SYSTEM	Depth of Discharge	98%				
	Voltage Range	46,5 ~ 58,4 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 CNNECTION HV

Specifications

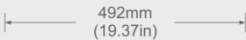
HV Series Connection (With HV Box)						
BATTERY	Battery Module	2	3	4	5	5+5+5
	Battery System Capacity (kWh)	10.6	15.9	21.2	26.5	79.5
SYSTEM	Voltage Range (Vdc)	95-116	140-175	190-230	235-290	752-928
	HV Application Max. Depth of Discharge	98%				
COMMUNICATION	Communication	RS485, CAN 232, Wi-Fi (built-in 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)				



170 mm
(6.7 in)



580mm
(22.8 in)



492mm
(19.37in)

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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