

WECO



5K3XP

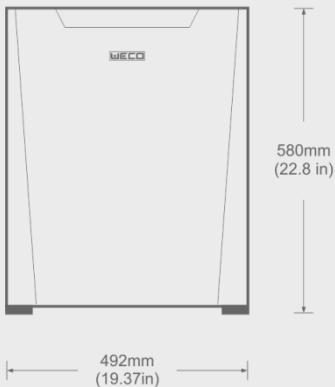
Efficient.
Compact.
Versatile.

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

Specifications

BATTERY	Model Name	5K3-XP-EU
SYSTEM	Battery System Maximum Capacity	5.37 kWh
	Single Module Nominal Voltage	51.2 Vdc
	Application	Low Voltage
	Modules Expandability	15 Direct Parallel (Stack max. 8 units)
	Ingress Protection	IP20 (Indoor Application Only)
	Cluster Net Capacity	79.5 ~ 556.5 kWh (With LV HUB For Multi-cluster Application)
	Voltage Range	46,5 ~ 58,4 Vdc
	Usable Capacity	105 Ah
COMMUNICATION	Communication Interfaces	RS485, CAN, RS232, Built-in Wi-Fi & Bluetooth
BASIC PARAMETERS	Dimensions (D × H × W) (mm)	492 D × 580 H × 170 W
	Weight	54 kg
	Max. Charge / Discharge Current	Up to 1C max.
	Standard Charge / Discharge Current	0.5C
	Force Charge Command	@ 1% DoD (programmable)
	BMS Working Temperature	-20 ~ +65 °C
	Max. DoD %	99%
	Recommended Working Temperature Range	25 °C ± 10 °C
	Humidity	5 % ~ 95 % RH non-condensing
	Altitude	< 3000 m
	Expected Cycle Life @ STC	> 7000 (25 °C 80% DoD)
	Standards	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

5K3-XP

STACKABLE LV

Specifications

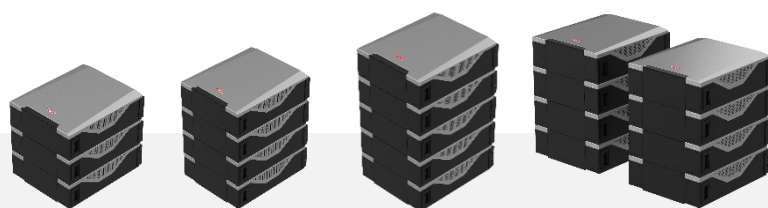
BATTERY	Module	2	3	4	5	5+5+5
	Battery System Capacity (kWh)	10.6	15.9	21.2	26.5	79.5
SYSTEM	Depth of Discharge	95%				
	Voltage Range	46,5 ~ 58,4 Vdc				
STORAGE REQUIREMENTS	Storage Temperature	-20 ~ +45 °C @ 1month, 0 ~ 35 °C @ 3 months				
	Working Temperature	Charge -5 °C ~ +55 °C, Discharge -20 °C ~ +65 °C				
BASIC PARAMETERS	Standard Temperature Range	25 °C ± 10 °C				

STACKABLE HV

Specifications

		Stackable HV (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	95%				
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 Temperature	-20 ~ +45 °C @ 1month, 0 ~ 35 °C @ 3 months				

CLUSTER EXAMPLES

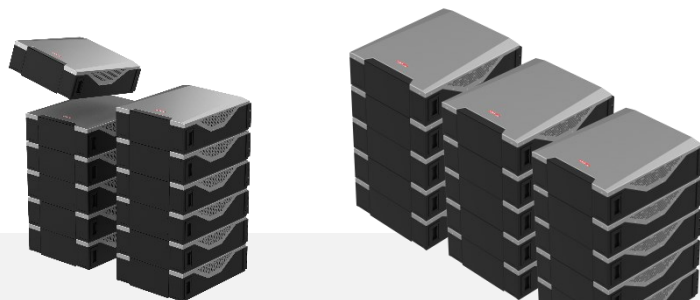


15.9 kWh

21.2 kWh

26.5 kWh

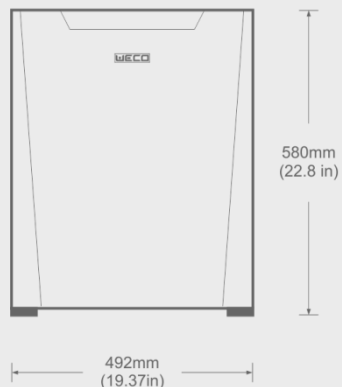
42.4 kWh



63.6 kWh

79.5 kWh

Max. Stacked modules per tower is eight, Max. Series HV connection is 17 modules (934 Vdc).



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The above-mentioned temperatures are limited to the BMS ranges, such values may not be covered by the performance warranty.
We recommend contacting WeCo for the most up-to-date datasheet, read warranty and manual before making any purchasing decisions.
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FEATURES

DUAL VOLTAGE

STACKABLE

WALL MOUNTED

FLOOR MOUNTED

INTEGRATED WIFI & BLUETOOTH

WEB PORTAL ASSISTANCE



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