



WECO



5K3 XP Dual Voltage

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5K3 XP-EU

Single module	
Model Name	5K3-XP-EU
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
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	0.5 C
Depth of Discharge	Up to 95 %
Communication Interfaces	RS485, CAN, RS232, Built-in Wi-Fi & Bluetooth
Discharge Temperature (*)	-20 ~ +65 °C
Charge Temperature (*)	-5 ~ + 55 °C
Standard Working Temperature Range	25 °C ± 10°C
Humidity	5 % ~ 95 % RH non-Condensing
Altitude	< 3000 m
Expected Cycle Life @ STC	> 7000 (25°C)
Standards	CB / IEC62368 / IEC62619 / CE / UN38.3
Features	Dual voltage application

Stackable LV					
Battery Module	2	3	4	5	5 + 5 + 5**
Battery System Capacity (kWh)	10.6	15.9	22.2	26.5	79.5
Voltage Range (Vdc)	46,5 ~ 58,4				
Depth of Discharge	95 %				
Working Temperature (°C) (*)	Charge - 5 ~ +55 °C, Discharge - 20 ~ + 65 °C				
Standard Temperature Range (°C)	25 °C ± 10 °C				
Storage Temperature (°C)	- 20 ~ +45 °C @ 1month, 0 ~ 35 °C @ 3months				

Stackable HV (with HVBOX)					
Battery Module	2	3	4	5	8 + 8**
Battery System Capacity (kWh)	10.6	15.9	22.2	26.5	79.5
Voltage Range (Vdc)	95 - 116	140 - 175	190 - 230	235 - 290	752 - 928
Depth of Discharge	95 %				
Communication	RS485, CAN, 232, Wi-Fi (built-in HVBOX)				
IP Rating	IP20				
Working Temperature (°C) (*)	Charge - 5 ~ +55 °C, Discharge - 20 ~ + 65 °C				
Standard Working Temperature Range (°C)	25 °C ± 10°C				
Storage Temperature (°C)	- 20 ~ +45 °C @ 1month, 0 ~ 35 °C @ 3months				

(*) See Warranty Terms and Conditions.

(**) Max Stacked Modules Per Tower is Eight.

(*)The above-mentioned temperatures are limited to the BMS ranges, such values are not intended to be covered by the performance warranty, always refer to the warranty terms and the installation manual before buying

See warranty terms for Performance warranty applicability

See Performance Warranty Terms and the Standard Test Conditions 'STC'.

All data is subject to change without prior notice; always ask WeCo for the most recent datasheet and manual before purchasing.

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