

WECO



4K4

Versatile.
Efficient.
Compact.

4K4 LT

LOW VOLTAGE

Lithium Energy Storage System



155 mm
(6.1 in)



580mm
(22.8 in)

492mm
(19.37in)

4K4 LT

SINGLE MODULE



Specifications

BATTERY	Battery System Nominal Capacity	4,76 kWh
	Battery System Usable Capacity	4,4 kWh
	Single Module Nominal Voltage	51.2 Vdc
	Depth of Discharge	Up to 98%
SYSTEM	Modules Expandability	15 direct parallel (105 with LV HUB accessory)
	Ingress Protection	IP20 (Indoor application Only)
	Cluster Net Capacity	66 ~ 462 kWh (with LV HUB for multi-cluster application)
	Voltage Range	46.5 ~ 56.8 Vdc
	Usable Capacity	86 Ah (Gross Capacity 93Ah)
COMMUNICATION	Communication Interface	RS485, CAN, RS232, Wi-Fi & Bluetooth (with External Device)
BASIC PARAMETERS	Dimensions (W x D x H) (mm)	492 x 580 x 155
	Weight	46 kg
	Max. Charge / Discharge Current	Up to 1C max.
	Standard Charge / Discharge Current	0.5C
	Discharge Temperature	-20 ~ +60 °C *
	Charge Temperature	-5 ~ +55 °C *
	Standard Temperature Range	25 °C ± 10°C
	Humidity	5 % ~ 95 % no condensation
	Altitude	< 3000 m
	Expected Cycle Life @ STC	> 6000 (25°C)
	Warranty**	Performance Warranty 10 years
	Standards	CB / IEC62368-1 / IEC62619 / CE /EMC / UN38.3
	Features	Discharge CAN Logic, 3-Steps Adaptive Charging Logic 2 x programmable DI / DO Optional Device for monitoring & remote control with WeCo App for Android / iOS Pre - Charge + MOSFET Protection Three Protection Levels, Real-Time Balancing, Adaptive Charge/



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

*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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All data is subject to change without prior notice.

4K4 LT

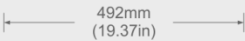
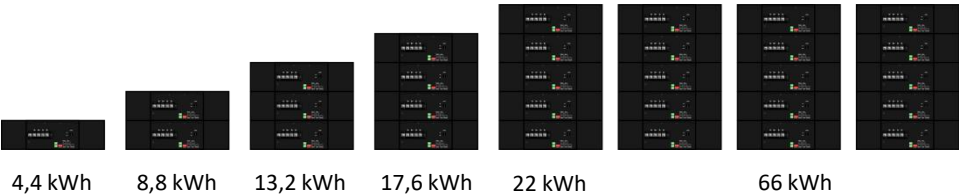
STACKABLE



Specifications

BATTERY	Battery Module	2	3	4	5	5+5+5
	Depth of Discharge (Max)	98%				
SYSTEM	Battery System Capacity (kWh)	8,8	13,2	17,6	22	66
	Voltage Range (Vdc)	46.5 ~ 58.4				
COMMUNICATION	Communication	Rs485, CAN, RS232, Wi-Fi (with External Device)				
BASIC PARAMETERS	Storage Temperature	Up to 6 six months without recharging (see manual)				
	Dimensions (D × W × H) (mm)	580 × 492 × 310	580 × 492 × 465	580 × 492 × 620	580 × 492 × 775	3 × (580 × 492 × 775)
	Weight (Kg)	92 kg	138 kg	184 kg	230 kg	690 kg
	IP Rating	IP20				
	Standard Working Temperature Range	25 °C ± 10°C				
	Humidity	5 % ~ 95 % non-condensing				
	Altitude	< 3000 m				
	Expected Cycle Life @ STC	> 6000 (25 °C) 80% DoD				
	Standards	CB/ IEC62619 / IEC62368-1 / CE / EMC/ UN38.3				
	Monitoring	External Wi-Fi monitoring Dongle suitable for single battery or cluster				

Upper view
Suggested installation with connection terminal facing up



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