



4K4
Efficient.
Compact.
Versatile.

4K4 LT

LOW VOLTAGE

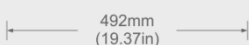
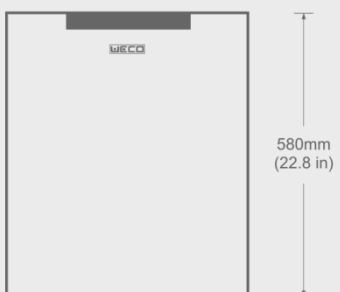
Lithium Energy Storage System

4K4LT

SINGLE MODULE

Specifications

BATTERY	Battery System Maximum Capacity	4,7 kWh
	Battery System Capacity	4,4 kWh
	Single Module Nominal Voltage	51.2 Vdc
	Depth of Discharge	Up to 95%
SYSTEM	Modules Expandability	15 direct parallel (Stack max. 5 units)
	Ingress Protection	IP20 (Indoor application Only)
	Cluster Net Capacity	66 ~ 462 kWh (with LV HUB for multi-cluster application)
	Voltage Range	46.5 ~ 58.4 Vdc
	Usable Capacity	86 Ah
COMMUNICATION	Communication Interface	RS485, CAN, RS232, Wi-Fi & Bluetooth (with External Device)
BASIC PARAMETERS	Dimensions (W x D x H) (mm)	492 × 580 × 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 % RH
	Altitude	< 3000 m
	Expected Cycle Life @ STC	> 6000 (25°C)
	Standards	CB / IEC62368-1 / IEC62619 / CE / UN38.3 Pre - Charge + MOSFET Protection Three Protection Levels, Real-Time Balancing, Adaptive Charge/
	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

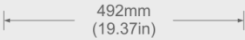
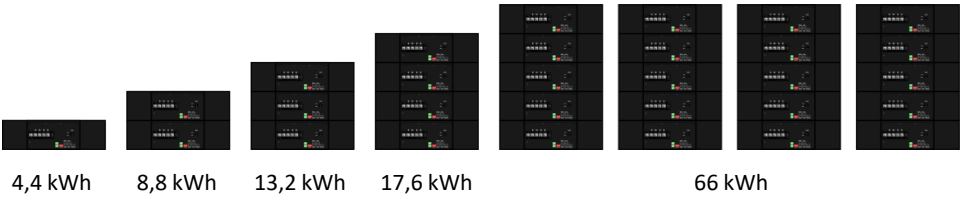


4K4LT

STACKABLE

Specifications

BATTERY	Battery Module	2	3	4	5	5+5+5
	Depth of Discharge	95%				
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	-10 +40 (°C) @ 1 month				
	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				
	Working Temperature	-20 °C ~ +55 °C				
	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 / UN38.3				
Monitoring		External Wi-Fi monitoring Dongle suitable for single battery or cluster				



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. No part of this document can be copied or reproduced without WeCo written permission. All data is subject to change without prior notice.

WECO



4E4 Energy Storage System

WECO

WeCo Srl a Socio Unico
Viale J. F. Kennedy 113-121
50038 Scarperia e San Piero
Firenze, Italy

weco@wecobatteries.com
www.wecobatteries.com



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