

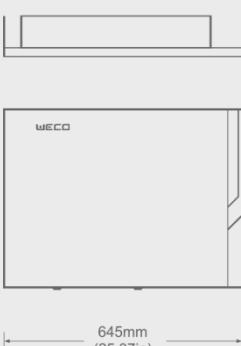
Slim.
Elegant.
Dual Voltage.



4K5 ULTRA

ENERGY STORAGE BATTERY

The World's Thinnest Dual Voltage Li-Ion ESS



4K5 ULTRA-LV

ENERGY STORAGE BATTERY

Specifications

BATTERY	Module Type	Prismatic
	Cell Capacity	100 Ah
	Rated Capacity	5.12 kWh
	Cell Type	LiFePO4
SYSTEM	Rated Voltage	51.2 V
	Voltage Range	46.5 ~ 56.8 V
	Standard Charge Current	50 A
	Max. Charge Current	100 A (1C)
	Standard Discharge Current	50 A
	Max. Discharge Current	100 A (1C)
	Charge Temperature Range*	-5 ~ +55 °C
	Discharge Temperature Range*	-20 ~ +55 °C
COMMUNICATION	Standard Working Temperature Range	25 °C ± 10 °C
	Communication Interface	2 × CAN2.0 1 × RS232
BMS PROTECTION	Battery Protections	Over Charge / Over Discharge / Over Temperature / Over Current / Short Circuit
BASIC PARAMETERS	Dimensions (W × D × H) (mm)	644.5 × 105 × 553
	Weight	45 kg
	Installation	Wall Mounted / Stacked
	Warranty*	Performance Warranty 10 years
	Material Safety Data Sheet	UN 38.3
	Certificates	CE / IEC 62619 / IEC62040
	IP Rating	IP65
	Parallel Connection	Up to 15 Batteries in Parallel Low Voltage
	HV Application with Plug In DCDC Module	V-BOOSTER DCDC Accessory Only for HV Inverters

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

*The above-mentioned temperatures and currents 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.

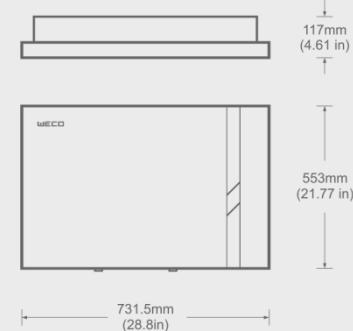
4K5 ULTRA-HV

ENERGY STORAGE BATTERY



Specifications

BATTERY	Rated Voltage	430 V
	Voltage Range	420 ~ 450 V
	Cell Type	Prismatic
	Cell Capacity	100 Ah
	Rated Capacity	5.12 kWh
SYSTEM	Cell Type	LiFePO4
	Charge Mode	CC - CV
	Standard Charge Current	5.5 A @ 450 V
	Max. Charge Current	7.8 A @ 450 V (3500 W)
	Standard Discharge Current	5.5 A @ 450 V
COMMUNICATION	Max. Discharge Current*	7.8 A @ 450 V (3500 W)
	Charge Temperature Range*	-5 ~ +55 °C
	Discharge Temperature Range	-20 ~ +55 °C
	Standard Working Temperature Range	25 °C ± 10 °C
	Communication Interface	2 × CAN2.0 1 × RS232
BMS PROTECTIONS	Over Charge / Over Discharge / Over Temperature	
	Over Current / Short Circuit	
BASIC PARAMETERS	Dimensions (W × D × H) (mm)	731.5 × 117 × 553
	Weight	50 kg (with V-BOOSTER)
	Installation	Wall Mounted / Stacked
	Material Safety Datasheet	UN 38.3
	Certificate	CE / IEC 62477-1 / IEC 62619 / IEC 62040
	IP Rating	IP65
	Parallel Connection	Up to 12 Batteries in Parallel HV





4K5 ULTRA ENERGY STORAGE

Health &
Safety



Energy Storage

Rated capacity 5,1 kWh



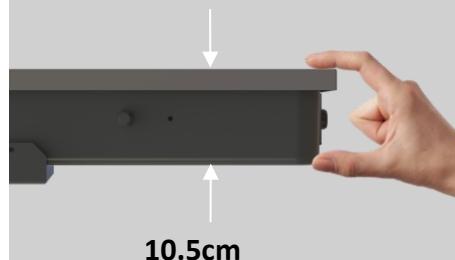
4K5 LV

Parallel connection up to 15
Batteries in Parallel Low Voltage.

Size &
Dimensions



So Slim.
So Light.
So Invisible.



ULTRA THIN

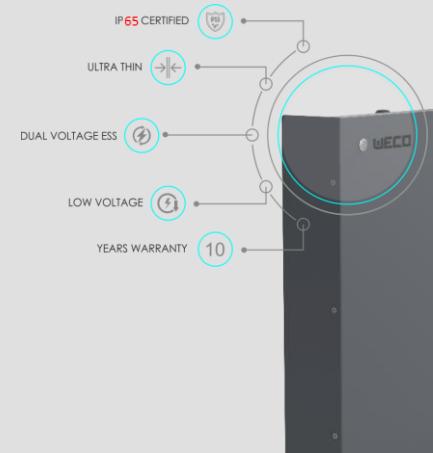
The world's Thinnest Dual Voltage
Li-Ion ESS.

Power &
Performance



Dual Voltage

Low Voltage 51.2 V
High Voltage 430V



WECO

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IP65 Certified



EV Ready

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