



WECO LOW VOLTAGE 4k4 LT

2022 New Release



Lithium Energy Storage System



SINGLE MODULE

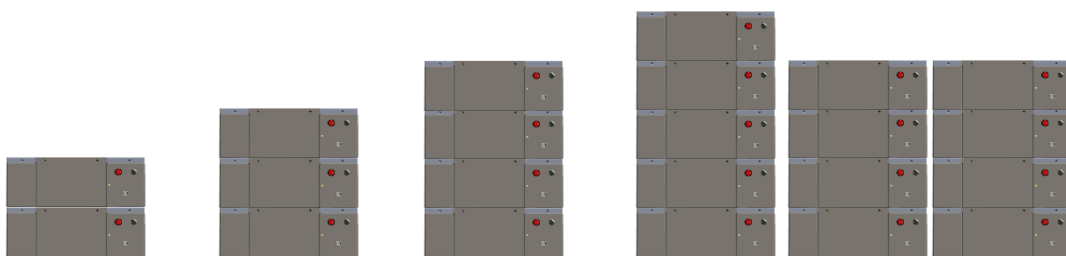


Basic Parameters	4K4 LITE MOS-TECH
Battery System Capacity (kWh)	4,57
Single Module Nominal Voltage (V)	52
Application	Low Voltage
Modules Expandibility	15 direct parallel (Stack max 5 units)
Cluster Net Capacity (kWh)	67.5 – 472.5kWh
Voltage Range	45,5 – 59,2
Usable Capacity (Ah)	89
Dimension (mm)	450x540x135
Weight (Kg)	51
Charge / Discharge Current	80
Step 01	110(60 sec)
Peak	130 (Peak 5 sec)
Depth of Discharge	100%
Communication Port	RS485, CAN, 232, Wi-Fi
Discharge Temperature (°c)*	-20 ~ 55
Charge Temperature (°c)*	-7 ~ 55
Shelf Temperature (°c)	-10 ~ 50
Humidity	5% ~ 95%
Altitude (m)	< 3000
Expecetd Cycle Life @ STC	> 7000 (25°C)
Standards	IEC62619/CE /UN38.3
Features	Pre-Charge+Mosfet Protection+External Fuse (to be installed)
	Three Levels of protections, real time balancing, Adaptive charge /discharge CAN logic, 3 steps adaptive charging logic, 2xDI/DO programmable, Mobile APP for monitoring and remote control,update, debug, data save.

CERTIFICATIONS



STACKABLE



Battery Module	2	3	4	5	4+4
Battery System Capacity (kWh)	9	13,5	18	22,5	36
Voltage Range (V)	48,5-1000				
Dimension (mm)	540x450x270	540x450x405	540x450x540	540x450x675	2x 540x450x540
Weight (kg)	104kg	156kg	208kg	260kg	2x 208kg
Depth of Discharge	100%				
Charge/Discharge (Recommend)	160	240	320	400	640
Current (A) (Continuos) (Peak 15s)	192 260	288 312	384 416	480 520	768 832
Communication	RS485, CAN, 232, Wifi				
Protection Class	IP21				
Working Temperature (°C)	-20°C +60 *				
Storage Temperature (°C)	-10°C +40				
Humidity	5% ~ 95%				
Altitude (m)	< 3000				
Expecetd Cycle Life @ STC	> 7000↑ (25°c)				
Standards	IEC62619/CE/UN38.3				
* SEE TERMS AND CONDITIONS					

WALL MOUNTED

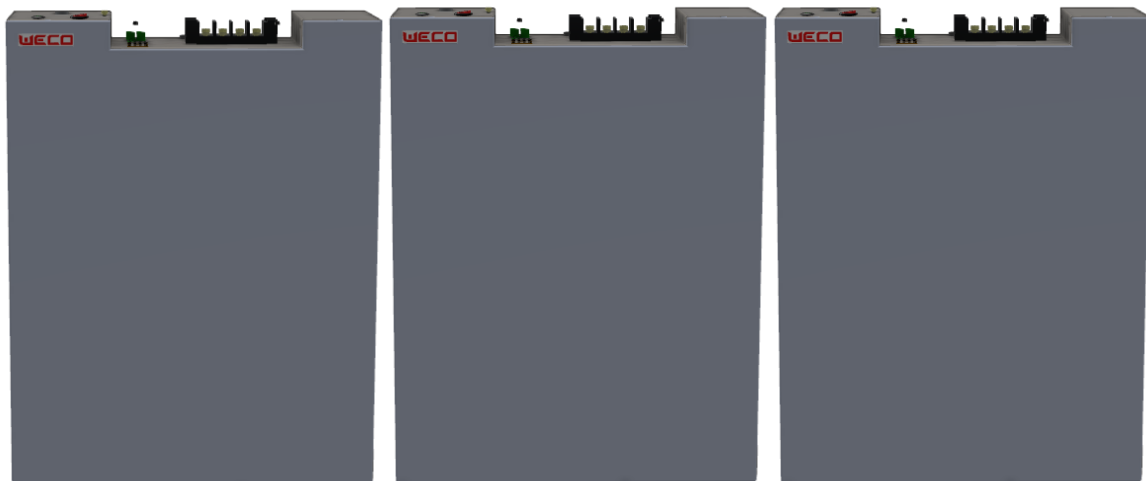
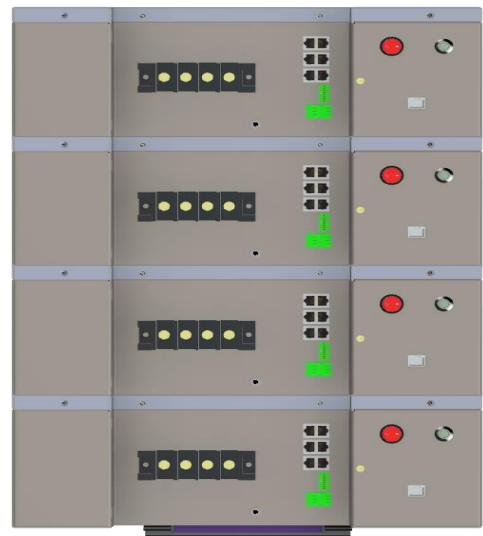




Floor Front Stacked



Floor Pile Stacked



Wall Side by Side