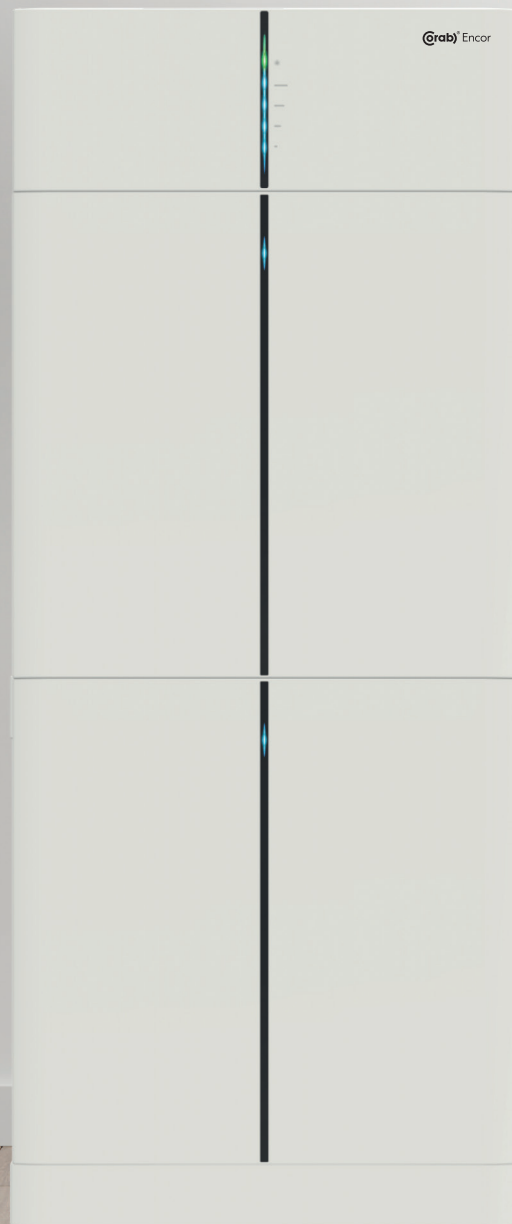


Corab)® Encor

**Corab Encor
Energy Storage**

6.0 / 9.0 / 12.0





CE BMS

Management unit
(can be connected
2 to 4 pieces of modules
storage battery)

CE Battery 3.0

Storage battery module

CE Battery 3.0

Storage battery module

- Extremely safe LiFePO4 battery technology
- Capable of operating in temperatures from -30 to +50°C
- Number of cycles over 6000
- Enclosure protection IP65
- Extremely easy and fast installation
- Can be installed outdoors and indoors

	CE ESS 6.0	CE ESS 9.0	CE ESS 12.0
Rated voltage [V]	204,8	307,2	409,6
Operating voltage range [V]	180~232	270~348	360~464
Total energy [kWh]	6,1	9,2	12,3
Usable energy [kWh]	5,5	8,3	10,9
Rated capacity [Ah]	30	30	30
Rated power [kW]	5,1	7,6	10,2
Max power [kW]	6,1	9,2	12,2
Rated charging/discharging current [A]		25	
Max. charging/discharging current [A]		30	
Number of cycles (90% DOD)		6000	
Warranty [year]		10	
Operating temp. range/Storage temp. [°C]		-30~+50	
Storage temperature range [°C]		-20~+50 (3 month)	
Relative humidity [%]		0~100	
Max. working altitude above sea level [m]		3000	
Enclosure protection		IP66	
Communication		RS-485, CAN2.0	
Communication between battery modules and BMS		CAN2.0	
Charge level indicator		4 LED (25%, 50%, 75%, 100%)	
Operating mode indicator		LED	
Certification		CE/IEC62619/UN38.3/IEC62040/UKCA	
Classification of hazardous materials		Class 9	
Maximum dimensions (W x H x D) [mm]/ weight [kg]		CE BMS: 482,5x173,5x153 / 7,5 CE Battery 3.0: 482,5x471,5x153 / 34,5	
Net weight [kg]	76,5	111	145,5
Quantity per pallet		CE BMS: 32 CE Battery 3.0: 24	
Directives, regulations, standards	PN-EN IEC 62619: 2023-02, PN-EN 62477-1:2013-06, PN-EN 62477-1:2013-06/A1:2017-05		