# battery



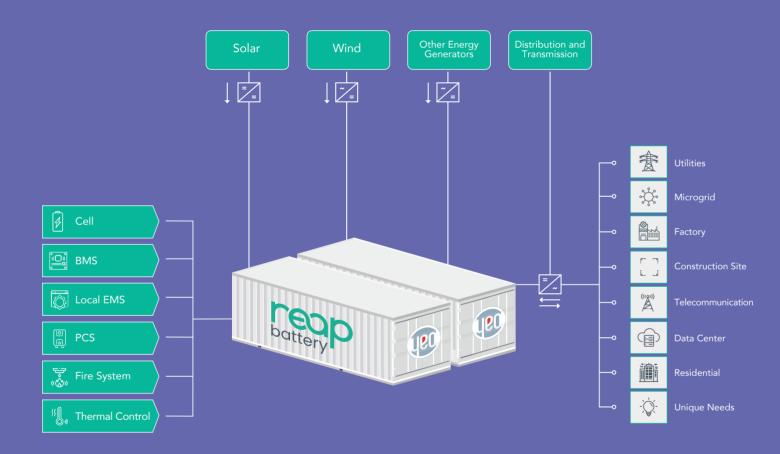
SUPPORT YOUR ENERGY STORAGE



# Reep Battery: Your Integrated and Trusted Partner in the Energy Storage Ecosystem from Türkiye

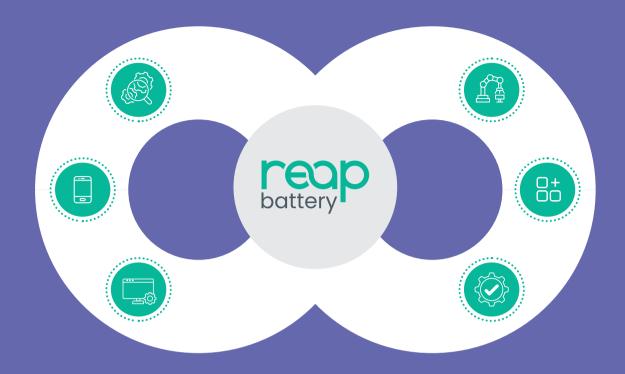
Reap Battery leverages YEO's engineering and system integration expertise to combine all critical subsystems—including cell, BMS, EMS, PCS, fire protection, and thermal control—within a single, unified solution. With end-to-end DC-to-AC infrastructure, it delivers high safety, real-time monitoring, and long-term performance.

By efficiently storing energy from solar, wind, and other renewable sources, Reap Battery provides scalable solutions for grid, microgrid, industrial facilities, construction sites, data centers, telecom infrastructure, and residential use cases. Its fully integrated approach ensures maximum efficiency and operational continuity across your energy transition projects.





## O Your Reliable Non-FEOC BESS Partner from Türkiye





### REAP Battery: Türkiye's BESS Power, Now in the U.S. Market

REAP Battery is a battery energy storage systems (BESS) brand established by YEO Teknoloji with **100% domestic capital.** With our 5 GWh production capacity assembly plant and our ongoing investment in **a battery cell production facility**, both located in Türkiye, we offer cost-effective, tariff-advantaged, and **FEOC risk-free BESS solutions**, specifically tailored for the U.S. market.

In response to evolving global trade dynamics and regulatory frameworks, REAP Battery is uniquely positioned to deliver high-performance systems that meet the growing demand for secure and sustainable energy storage. Our Türkiye-based manufacturing enables us to provide competitive pricing without compromising on quality or reliability.

At REAP Battery, we combine deep expertise in energy management with advanced manufacturing technologies to deliver **fully designed and produced-in-Türkiye BESS solutions**. Our systems are engineered for long life, high performance, and seamless integration into utility-scale, commercial, and industrial applications.

The energy of the future is made in Türkiye, and ready for the U.S.

## **About YEO**

Since 2004, we have been developing **innovative solutions** that carbon emissions, enhance **infrastructure** and **industrial value through digitalization**, and contribute to a **sustainable energy** future. By keeping **innovation** at the core of our business, we continue to create impact both in our country and across diverse geographies, leveraging our expertise and strength to improve lives.



We have been delivering energy and industrial solutions to every corner of the world with over 620 employees and new investments in more than 40 countries on 4 continents.

We have many things we say 'It's Possible' and hundreds of employees who advocate them. Today, as a great team, we are working with all our strength with the responsibility of the trust placed in us to realise whatever we say is possible

## **Highlights of YEO**



EPC



**Technology Provider** 



**Power Producer** 



**System Integrator** 



**Energy Transition Leadership** 



**Future Technology** 



Global Presence 30+ Countries



Renewable & Storage Solutions

High Experience



# **Technical Specifications**

# **CO** Wall Mounted Battery

Model	51.2V 138Ah	Case Material	Metal Box
Battery material	LiFePO4	Communication Mode	RS485 / CAN
Charging cut-off voltage	58.4V	Cycle Life	6000Cycles
Standard capacity	7065Wh	Assembly Method	Wall Hanging
Max Charging Current	100A	Charge Temperature Range	0-45°C
Discharging Cut-off Voltage	41.6V	Discharge Temperature Range	-5-55°C
Display	LCD	Product size (MM)	688x440x190mm
Terminal	М8	Weight (KG)	57.3KG

# CO Stackable Energy Storage



Model	21Kwh	
Standard voltage	51.2V	
Standard capacity	21196Wh	
Charging Cut-off Voltage	58.4V	
Cell Type	LiFePO4 Battery	
Display	LCD	
Communication mode	RS485/CAN	
Charge Temperature Range	0-45 °C	
Discharge Temperature Range	-5-55 °C	
Cycle Life	6000Cycles	
Product size (MM)	670x544x 600mm	
Weight (KG)	206KG	



Remax Specifications	C20 - 3/2/ - 10	C20 - 3000 - 03		
Rated Energy	3.73 MWh	5 MWh		
Nominal C Rate	1C / 1C	0.5C / 0.5C		
Operating Voltage Range	1040 – 1500 Vdc	1040 – 1500 Vdc		
Cell	LFP 280 Ah	LFP 314 Ah		
Max Charge/Discharge Current	280A*10	157A*12		
Configuration	10P416S	12P416S		
Charging Temperature	0 ~ 55 °C	-30 ~ 50 °C		
Discharging Temperature	-30 ∼55°C	-35 ~ 55 °C		
Cooling System	Liquid Cooling			
Communication	CAN, RS485, TCP/IP			
Dimension	W6058 x D2438 x H2896 mm			
Weight	38T	42T		
Protection Class	IP55			
Certificates	CE, UN 38.3, IEC 62619, UL9540A, UL 1973			

ReMod Specifications	CB1 – 373 - 05	CB1 – 373 - 10	CB1 – 418 - 05	
Rated Energy	372,7 kWh	372,7 kWh	418 kWh	
C Rate	0.5C / 0.5C	1C / 1C	0.5C / 0.5C	
Operating Voltage Range	900 - 1500 Vdc	1165 – 1500 Vdc	1165 – 1500 Vdc	
Cell	LFP 280 Ah	LFP 280 Ah	LFP 314 Ah	
Max Charge/Discharge Current	140 / 140 A	280 / 280 A	157 / 157 A	
Configuration	1P416S			
Charging Temperature	0 ~ 45 °C			
Discharging Temperature	-20 ~ 50 °C			
Cooling System	Liquid Cooling			
Communication	CAN, RS485			
Dimension	W1300 x D1300 x H2375 mm			
Weight	~4.000kg			
Protection Class	IP55			
Certificates	CE, UN 38.3, IEC 62619, UL9540A, UL 1973			

## **CO** Customized Energy Storage Systems for Every Need



## **Grid Scale Energy Storage**

High-security, cost-effective containerized energy storage systems with a capacity of 3.73 - 5 MWh for renewable energy power plants, stand alone energy storage systems"



#### **Commercial and Industrial Energy Storage**

We offer unlimited solutions in different application areas 373 - 418 kWh capacity modular cabinet type energy storage systems"



## **Special Applications of Energy Storage**

Special design energy storage systems with 5-418 kWh capacity for telecom, industrial transportation vehicles, fast vehicle charging stations, etc."



## **Residential Energy Storage**

5-64kWh energy storage systems for small-scale, high-efficiency residential applications.









#### lead Office

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## Factory / R&D Center

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