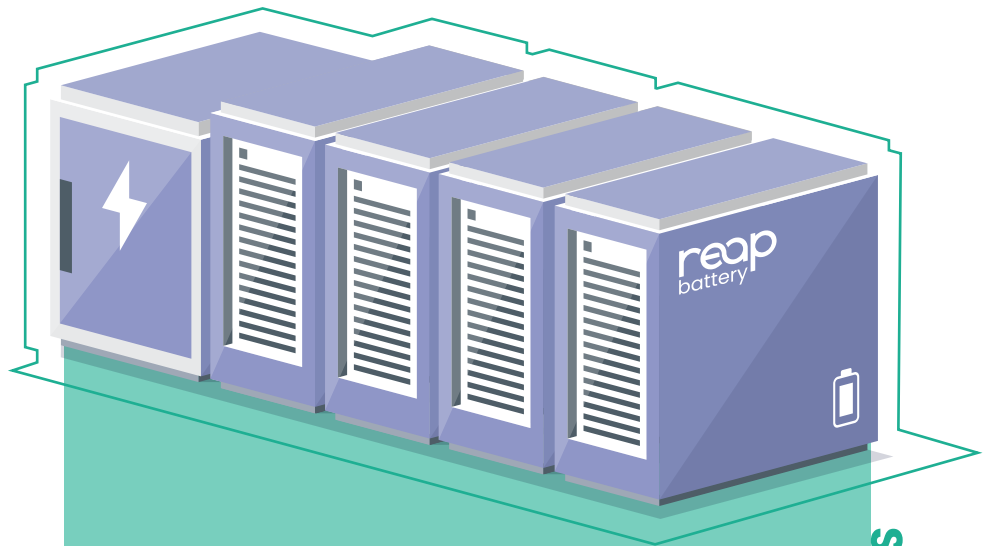


Energy Storage System

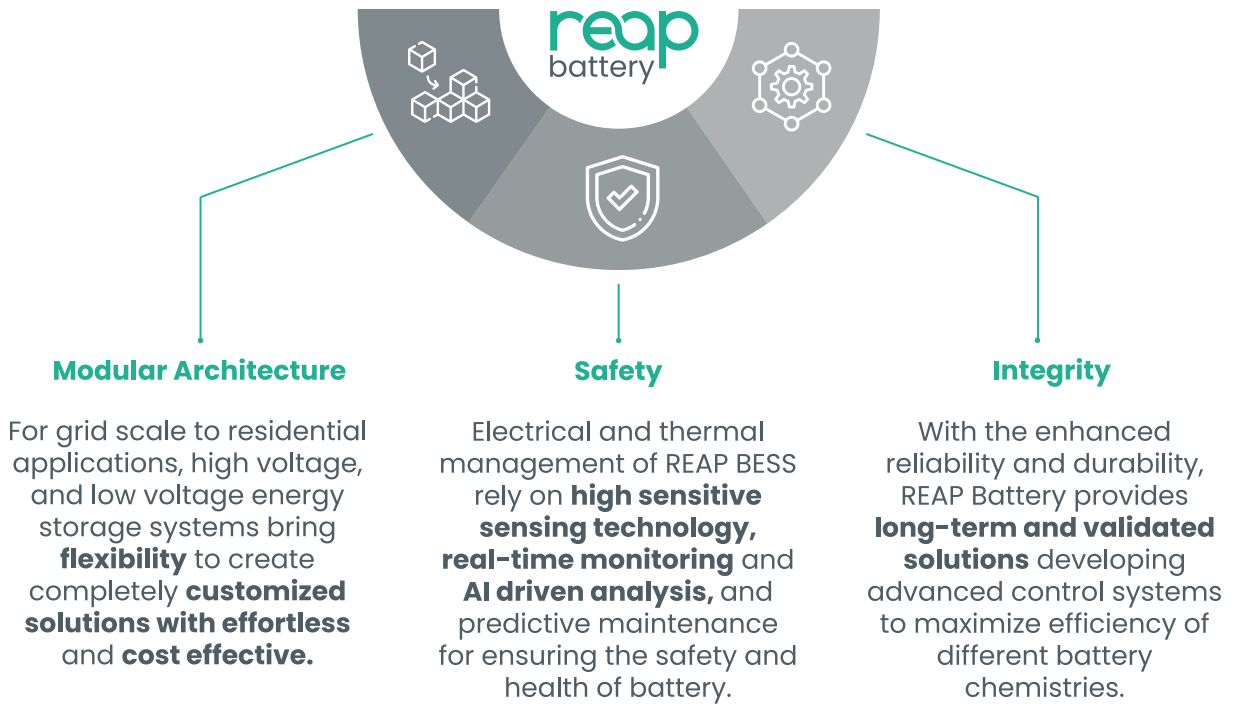


SUPPORT YOUR ENERGY TRANSITION

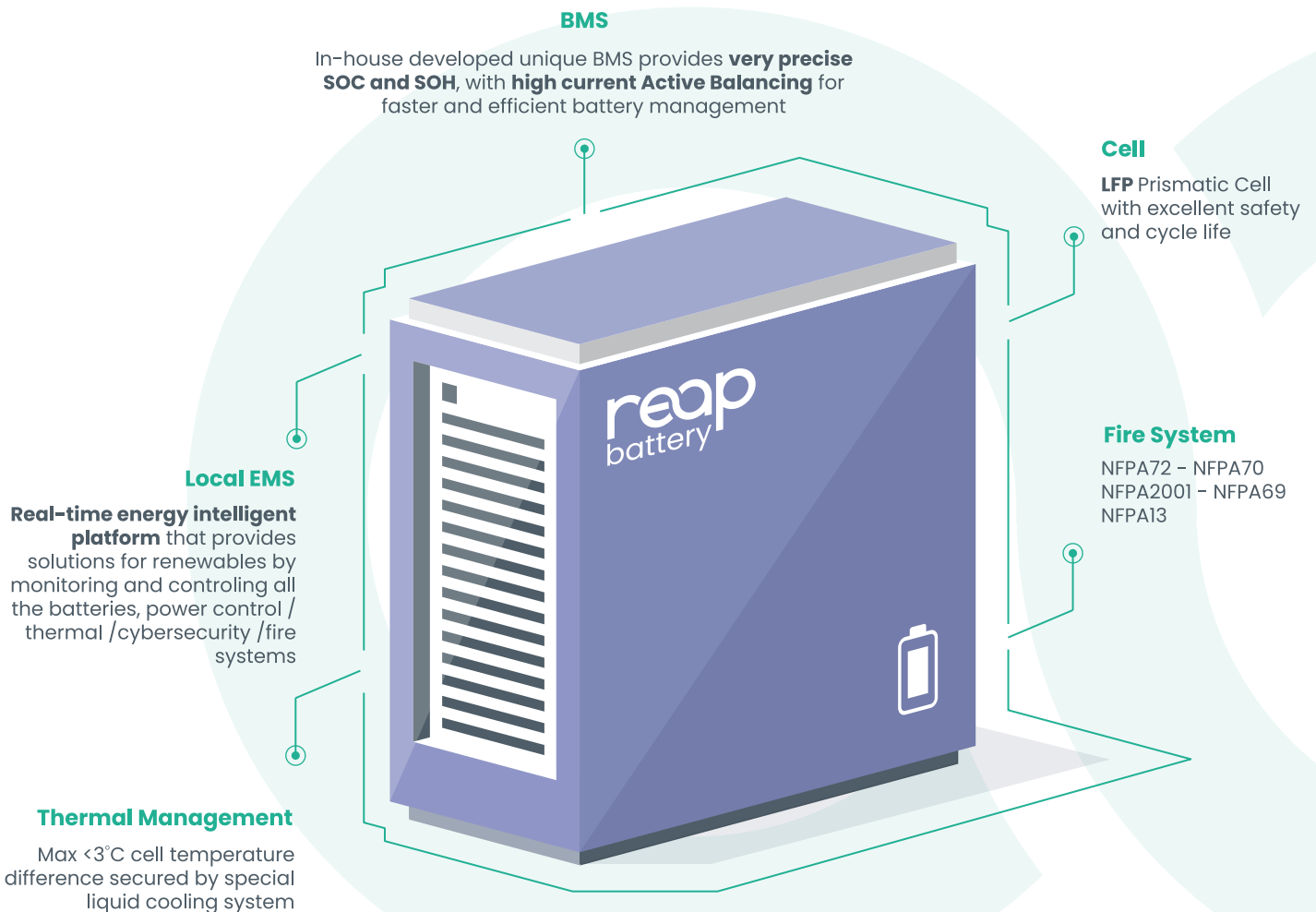
Subsidiary of



reap
battery



 REMod | Product Highlights



Technical Specifications



Cell

Module

Pack





REMod

REMod





Technical Specification











Capacity	688 kWh
Nominal Voltage	1229 Vdc
Operating Voltage Range	1075-1400 Vdc
Max. Charge / Discharge Current	560 Ah
Nominal C Rate	0.5C / 0.5C (@25°C)
Max Continuous Rate	1C / 1C
Cell	LFP Prismatic
Cell Balancing	1000mA/cell active balance with REAP-BMS
Life (1.8cycle/day, @80% DOD, @25°C)	>80% BOL Capacity @ 10th Years >70% BOL Capacity @15th Years
Operating Ambient Temperature	-20 ~+55 °C
Cooling System	Liquid Cooling
Self-Consumption (Standby/Operating)	1.5 kW / 25 kW (0.5 C / 0.5 C @25 °C)
Communication	CAN, RS485
Altitude	< 2000m
Dimension	W1730 X D2300 X H2590 mm
Weight	6.500 kg
Protection Class	IP54
Certificates	CE, UN 38.3, IEC 62619, UL9540
Warranty	3 Years Product / 10 Years Performance Warranty
Recycling	Managing with REAP Battery Passport





REAP BESS | Functions

 <p>Renewable Energy</p> <p>Peak Shaving Load Balancing Load Shifting</p>	 <p>Grid Support</p> <p>Frequency Regulation Demand Response Black Start</p>	 <p>Energy Trading</p> <p>Arbitrage (Time of Use) Bill Management PPA</p>	 <p>Electric Vehicles</p> <p>Battery Packs Charge Stations e-Mobility</p>
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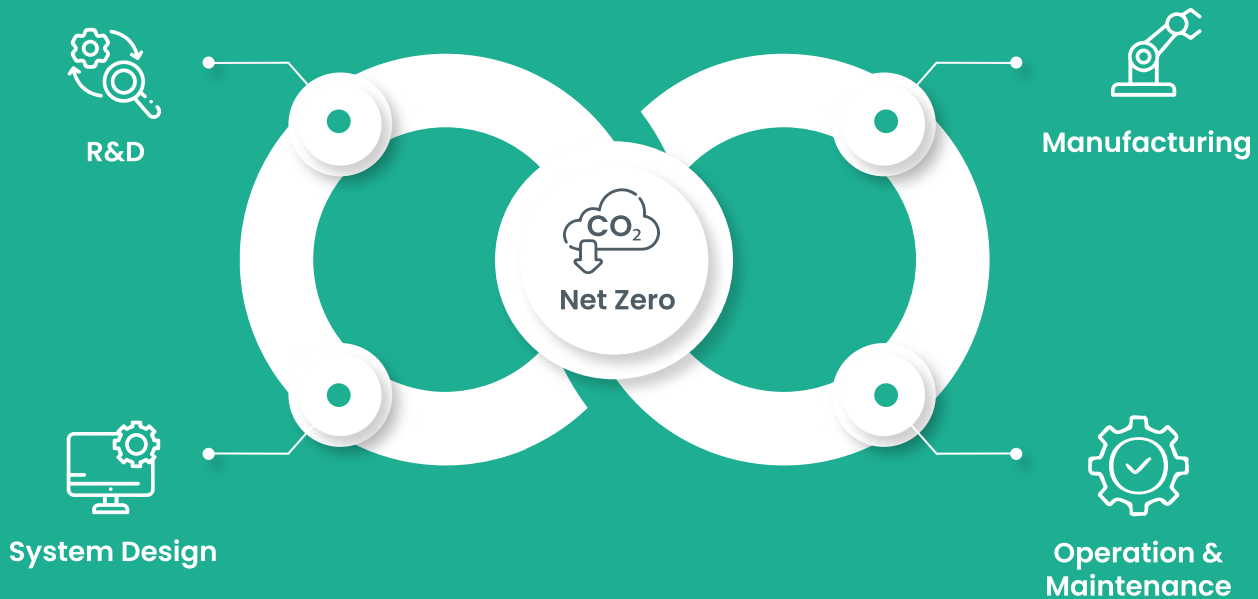
Applications | Areas

			
Grid	Mobile	Data Center	Telecommunication

 <p>Technology</p>	 <p>Rapid Charge</p>	 <p>Rapid Discharge</p>	 <p>Safety</p>	 <p>Long Life</p>
 <p>High Power</p>	 <p>High Storage Capacity</p>	 <p>Easy of Maintenance</p>	 <p>Economical</p>	 <p>Monitoring & Control</p>

			
Factory	Residential	EV Charge	Heavy Duty Vehicles

One-Stop ESS Solution



About REAP Battery

REAP Battery is a **member of the YEO** which is the leading company in energy transition founded in the early 2000s.

REAP Battery produces **cutting-edge battery products** and solutions for supporting the energy transition and helps customers for their **Net Zero targets**.

REAP Battery is a **full-system supplier** for custom BESS manufacturer with full design and engineering capabilities. Utilizing **advanced mechanical and electronic design** techniques, our skilled battery design team will optimize your custom BESS reliability, manufacturability, and safety.

YEO's unique expertise in power generation, transmission, and distribution together with **REAP's advanced Battery Energy Storage System (BESS)** in terms of technology, efficiency, innovation, performance, and optimal cost make REAP the unique partner of industrial, residential, and commercial applications for the entire energy transition.



620+
Employees



150
Engineers

19
Years
Experience



225
Completed
Projects



34
Women

reap
battery



Head Office

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