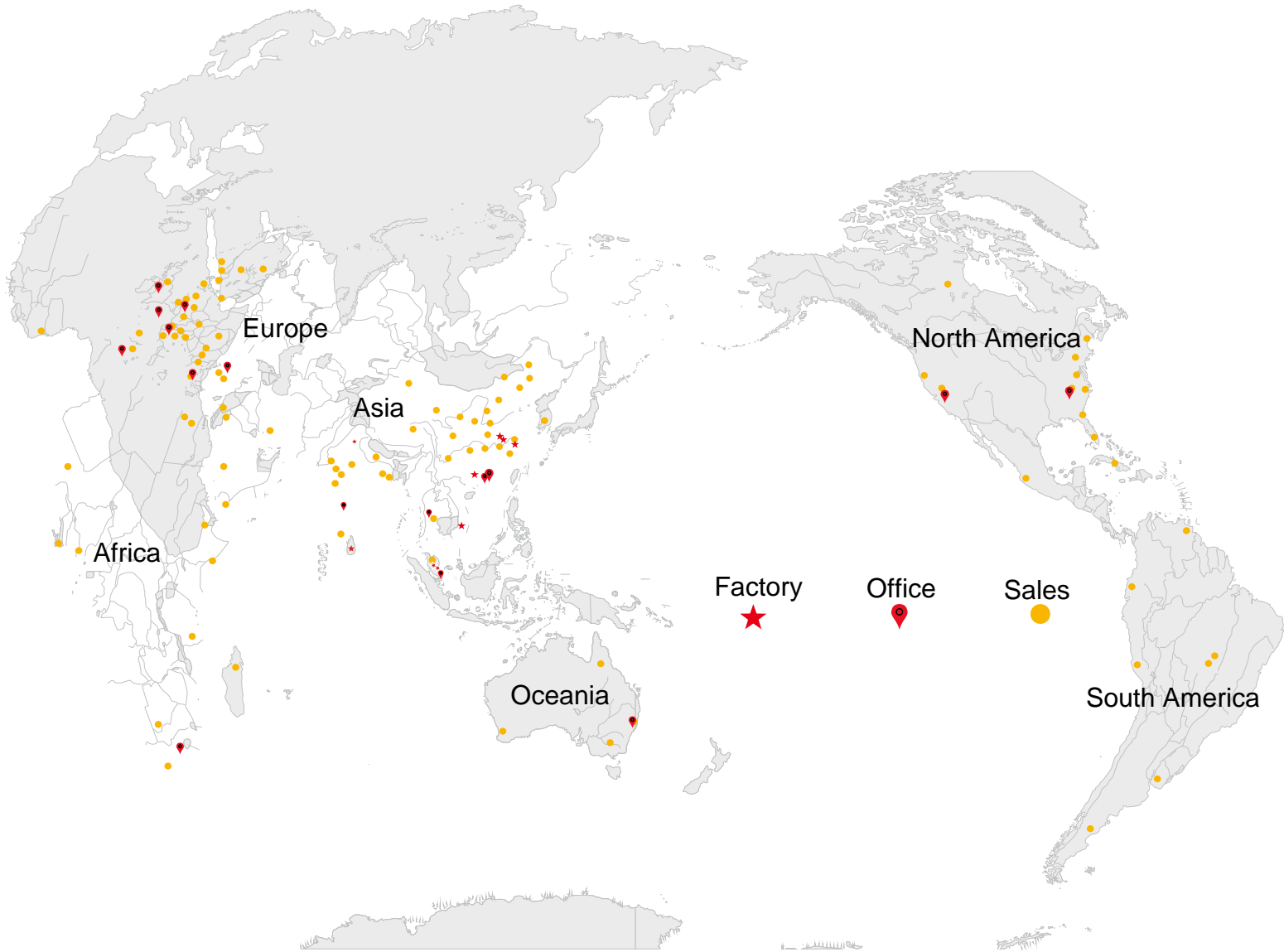




LEOCH BATTERY



Leoch Integrated RESS Solution

Integrated RESS

Introduction

- Scalable from 5 kWh to 320 kWh
- Maximum Flexibility for any Application with up to 64 Modules Connected in Parallel
- Integrated with inverter to avoid the compatibility problem
- Lithium Iron Phosphate (LFP) Battery: Maximum Safety, Life Cycle and Power
- Capable of High-Powered Emergency-Backup and Off-Grid Function
- Stack design easy and quick installation
- Self-Consumption Optimization for Residential and Commercial Applications



BATTERY MODULE

- 5.12 kWh per Module
- Modular and Stack Installation Design to simplify the maintenance

Connect up to 64 module in parallel for a maximum size of 320 kWh.

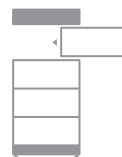
FLEXIBLE, EFFICIENT, SIMPLE



Plug Connection
No Additional Wiring Required



5 - 320 kWh
Tailored Sizing for Each Application



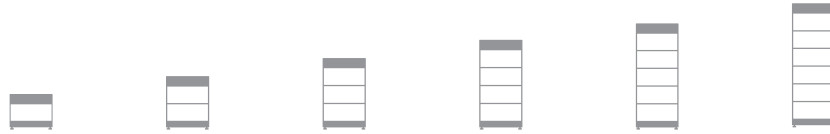
Extend Anytime
Easily Adapts to New Requirements



High Power
Power for Every Application

Integrated RESS

TECHNICAL PARAMETERS



Battery Module	LFeLi-51.2100Ah(5.12 kWh, 51.2 V, 45 kg)					
Number of Modules	1	2	3	4	5	6
Usable Energy [1]	5 kWh	10 kWh	15 kWh	20 kWh	25 kWh	30 kWh
Max Cont. Output Current [2]	100 A	200 A	300 A	400 A	500 A	600 A
Nominal Voltage	51.2 V					
Operating Voltage	40-57.6 V					
Operating Temperature	-10 °C to +50°C					
Battery Cell Technology	Lithium Iron Phosphate					
Communication	CAN / RS485					
Enclosure Protection Rating	IP55					
Round-Trip Efficiency	≥95%					
Scalability [3]	Max. 64 Modules in Parallel (320 kWh)					
	UN38.3					
Applications	ON Grid + Backup / OFF Grid					
Warranty [4]	10 Years					

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