

## European Solar and Energy Storage Solutions

# Cactus battery Faroe Islands



## Overview

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Does cactus offer fresh lithium phosphate batteries?

Perhaps best known for its innovative reconditioning and use of spent Tesla EV batteries as source material for the company's first market offer, Cactus now also offers fresh lithium iron phosphate batteries as part of its lineup.

Is cactus reconditioning Tesla EV batteries?

Best known for its reconditioning and use of spent Tesla EV batteries as source material for its BESS systems, Cactus now has aspirations far larger. Cactus, a Helsinki-based battery energy storage systems (BESS) startup has raised over €26 million in equity capital as part of a larger €70 million investment project.

How much will cactus invest in smart energy storage units?

The €70 million will be invested in smart energy storage units over approximately two and a half years and with an expected operational period of approximately ten years. Cactus founder and CEO Oskari Jaakkola explains:

What is cactus one?

"After that, we came up with the idea of Cactus One, a 100-kilowatt-hour battery pack, with 50 kilowatts of charging and discharging power controlled through a cloud system. Our vision was to make it as easy and accessible as possible for our customers.

How many cactus units does Finland own?

In December 2023 Cactus Fleet Finland LP reported owning 50 Cactus units, while the planned €70 million fund will see that number jump to over 1,000 units in the coming years if all goes according to plan.

What is cactus spine?

Dubbed Cactus Spine, the platform is able to create an optimized matrix of battery units that offer clients including logistics company Logitri Oy, protection against electricity price volatility, level out local demand peaks, offer backup power, and where applicable, optimise the use of the property's own electricity production.

## Cactus battery Faroe Islands

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### LFP prices 'make first life batteries more attractive than second life'

The increasing cost-competitiveness of LFP battery cells has made first life batteries more attractive than second life ones, Finland-based BESS solutions firm Cactus told Energy-Storage.news after a EUR26 million (US\$28.5 million) fundraise.

### Storing energy becomes effortless and sustainable with Cactus

They developed Cactus One, a unit that can store up to 100 kW/h of electricity. Like cactuses store and optimize water usage, so does Cactus' unit, which makes efficient use of energy, bringing advantages to users - mostly building owners - and grid operators.



### Standard Horizon SBR-45LIIS Intrinsically Safe Lithium ...

Free Delivery , Low Prices , Great Range.  
Standard Horizon SBR-45LIIS Intrinsically Safe Lithium-Ion Battery. account contact basket Low Prices, Free Delivery, Expert Advice, Unbeatable Service. Cactus 020 Ltd. Chandlers ...

### Helsinki-based startup Cactus

## secures over EUR26M for BESS

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## The startup giving EV batteries a second life as energy storage

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Built in the startup's factory in Muhos, Finland, Cactus offers two "Cactus One Energy Storages" -- the first, the "Classic," which is made from spent Tesla batteries and has a capacity of 100 kWh and power of 45 kW per unit, and the second, the "Cactus One Cardo," which is built from a new lithium iron phosphate (LFP) batteries

## Meet Cactus, a Finnish startup that got EUR26M to ...

One of them is Cactus-a developer of smart energy storage systems built from second-life Tesla EV batteries-which has raised over EUR26 million to expand its portfolio as it aspires to transform the country's energy ...



## Meet Cactus, a Finnish startup that got EUR26M to address energy ...

One of them is Cactus-a developer of smart energy storage systems built from second-life



Tesla EV batteries-which has raised over EUR26 million to expand its portfolio as it aspires to transform the country's energy landscape. The investment was led by OP Finland Infrastructure LP and the Finnish Climate Fund, and forms part of Cactus

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## Solar Panel 20Ah Twin Battery Charge Controller

Efficient Series PWM charging, increases battery lifetime and improves solar system performance. 12/24V automatic recognition. Overload protection; Open circuit protection; Cactus Navigation & Communication is a trading name of Cactus 020 Ltd Cactus 020 Ltd. Chandlers and Marine Equipment Shop. Registration No.

7844892 Unit 26, Sisna Park

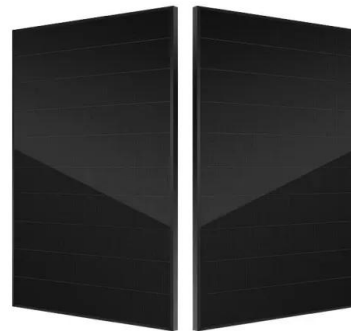


## Battery Energy Storage System as a Service

Our product line includes two generations of battery energy storage systems: Cactus Two and Cactus One. We manufacture our products including LiFePo4 battery modules at our Kempele facility in Finland. ? Cactus units can be installed in parallel to meet your needs, enabling higher storage capacity and power output.

## Finnish startup Cactus raises over EUR26M to increase its battery ...

The models include the Cactus One Classic unit made from second-life Tesla EV batteries and the first-life lithium iron phosphate battery-based Cactus One Cardo. All units are automated by the Cactus Spine cloud system.



## Sterling Power AMPS BM1 Battery Monitor

The Battery Monitor - 1 (BM1) is AMPS' high precision power management device, intended for use in the DC negative. Installed correctly, the shunt will accurately measure discharge and charge at any given time. Cactus Navigation &

Communication is a trading name of Cactus 020 Ltd Cactus 020 Ltd. Chandlers and Marine Equipment Shop



51.2V  
200Ah/300Ah  
LiFePO4 battery

## BEP 720 Battery Switch 600A ON/OFF

The BEP 720 Heavy Duty Battery Switch follows the successful release of the 701 switch in 1999. It fits into the same contour lock system as used on the battery distribution system. Cactus Navigation & Communication is a trading name of Cactus 020 Ltd Cactus 020 Ltd. Chandlers and Marine Equipment Shop. Registration No. 7844892 Unit 26



## Helsinki-based startup Cactus secures over EUR26M for ...

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## The role of Battery Energy Storage Systems (BESS) in securing

It is estimated that up to 25% of global storage capacity will be from 'behind the meter' by 2030 which will include battery based solutions such as the Cactus system currently under

development and testing.



## Cactos raised EUR2.5 million in funding to address the energy

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The energy storage units with a capacity of 100 kWh will be built from recycled Tesla electric vehicle batteries, which Cactos procures from countries such as Norway and Sweden. With the technology developed by Cactos, recycled batteries can be used efficiently and safely in ...

## Battery Energy Storage System (BESS)

In a time of heightened awareness of the need for energy security at local, national and international levels, battery energy storage systems, such as the Cactos One, offers a localised solution for businesses and consumers to ensure back-up of their electricity supply in the event of outages and interruptions due to unforeseen events, as well



## Victron Smart Battery Monitor BMV-712

Simarine PICOone Battery Monitor Silver Bezel (Display Only) £199.96 (£166.63 ex VAT)  
Mastervolt Battman Pro Battery Monitor 12/24V



C/W Shunt £177.24 (£147.70 ex VAT) £159.95 (£133.29 ex VAT) Simarine PICOone Battery Monitor Black Bezel (Display Only) £199.96 (£166.63 ex VAT) Merlin Smartbank 24V 200A 3 Battery (No Gauge) £189.95 (£

## General Facts about the Faroe Islands

We also understand that every traveller is unique, so you'll find helpful advice for LGBT visitors, insights on accessibility for disabled travellers, and much more. Preparing for your adventure is part of the experience, and with our resources at your fingertips, you'll feel ready to make the most of your time in the Faroe Islands.



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## Faroe Islands

The Faroe or Faeroe Islands (/ ' f ??r o? / FAIR-oh), or simply the Faroes (Faroese: Føroyar, pronounced ['foe?ja?] (i); Danish: Færøerne ['fe??ø??n?]), are an archipelago in the North Atlantic Ocean and an autonomous territory of the ...



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