

PROFESSIONALS
FOR
QUALITY

Batteries remanufacturing for second life applications

Challenge organisation

Founded in Europe in 1999, [P4Q Electronics](#) is an original design manufacturer (ODM) of proprietary **PV Solar Tracker Controllers** (Suntrack®) for which we are the **market leaders**, and of high precision diagnostic tests (Qassay) as well as electronics manufacturing services provider for high demanding industries worldwide such as Rail industry, Automotive, Industrial and other.

P4Q continuously invests in world-class Research and Development to deliver greater value to customers and expand its portfolio of products and added value services, remaining at the forefront of innovation in the Renewable Energy Industry for PV Tracker Controllers, and offering the most comprehensive range of products and services in the market.

Full description

We have installed more than 250.000 batteries in our application, and we are looking for a company able to remanufacture and sell them once they have reached 70% of their nominal capacity.

The batteries we are talking about are LiFePo4 rechargeable small batteries of 3 and 6Ah. Both models use the same cells but in configurations 8S1P or 8S2P. Nominal voltage of the batteries is 25,6V and charging cut-off voltage is 29,2V, therefore their nominal capacity is 75Wh and 150Wh. This means their remaining capacity at 70% will be around 50Wh and 100Wh.

Our goal is to collaborate with a company to remanufacture and sell these batteries.

What we are looking for

We are looking for a company able to remanufacture the batteries and to sell them.

What we offer

We offer a collaboration to provide more than 250.000 batteries to be manufactured.

We have batteries installed in Mexico, Brazil and Chile and we also have technical support centres in these countries, therefore we can also offer technical support or even manufacturing facilities for this project.

Other

Opportunity area	Smart production
Looking for partners in	Latin America; Caribbean

Specific Areas	Electronics; Others
Technologies	Others

This is a challenge identified by the EU-LAC Digital Accelerator team in the frame of the Call for Challenges. The mission is to connect challenges from corporates with solutions from startups to boost digital transformation in Europe, Latin America and the Caribbean. If you are interested to learn more about us, visit our [website](#).

If you are a startup with a digital solution willing to explore collaboration opportunities with this corporate, [join our matching platform](#) and let the open innovation game start!

If you are called by this challenge but have questions, do not hesitate to [contact us](#).

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