

Case Study

Peak shaver for a logistic company



E / SOLITION
POWERBOOSTER

Facts:

Customer/ Project: **Ceva Logistics**

System: On-Grid

System size: 30 kW / 33 kWh

Installed: 2020

Location: Logistic center, Netherlands

Application



Peak Shaving



Energy consumption optimisation

Initial Situation



Ceva Logistics is a large logistic service provider in Venray, Netherlands. Ceva is responsible for warehousing and distribution in Europe for a customer electronics manufacturer. The center has many industrial trucks that are in permanent use every day. The internal grid power must be suitable for the short intensive charging times of the industrial trucks. As a result, the grid is quickly overloaded.

Our Solutions

9 x Solition Powerbooster with 30kW / 33 kWh were supplied by Exide. The Solition Powerbooster can charge 18 industrial trucks and recharge themselves during the day. The industrial trucks can be recharged during break times and be used for all shifts. This prevents a peak load when they are all connected at the same time. Ceva also installed solar panels on the roof. In this way they are able to store the generated energy in the Solition Powerbooster and use it for own consumption.

Benefits



Charge buffers



Cost optimisation



Optimisation of grid power usage



Opportunity charging during breaks



Multiply outlets



Peak power supply

Creating the future - the Exide way:



Innovation



Reliability



Sustainability



High Performance

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