

# Case Study

## Peak shaver for a logistic company

### 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 PWR Booster with 30kW / 33 kWh were supplied by Exide. The PWR Booster 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 PWR Booster and use it for own consumption.

### Benefits



Charge buffers



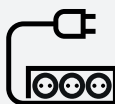
Cost optimisation



Optimisation of grid  
power usage



Opportunity charging  
during breaks



Multiply outlets



Peak power supply

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High Performance

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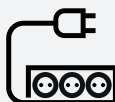
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