



LOAD BALANCING

Load Balancing optimally distributes the available power capacity to each car and prevents your charging stations from exceeding your building's power capacity.

SCENARIO

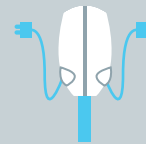
**BUILDING'S
MAX CAPACITY**

**25 AMPS
power capacity**



**CHARGING STATION
WITH DUAL SOCKETS**

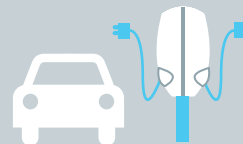
**32 AMPS
power capacity**



LOAD BALANCING IN ACTION

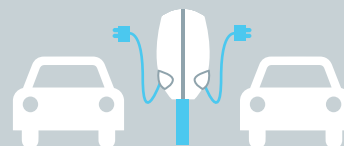
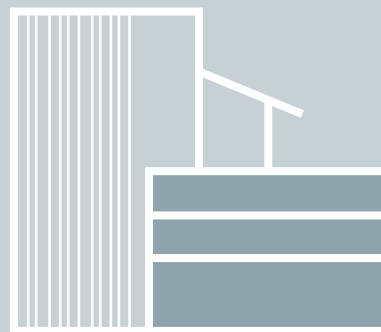
9 AM

**First car arrives.
It starts charging
at 25 Amps;
the building's
maximum capacity**



11 AM

**Second car arrives.
The charging station
now adapts its
power distribution to
12,5 Amps for each car.**



Load Balancing is one of EV-Box's "Smart Charging" services. These services optimize the charging infrastructure through using the available power flexibly and efficiently. Learn more about Smart Charging and how it benefits your business at [ev-box.com](https://www.ev-box.com)