



# CONTROL UNIT

The Control Unit is an optional component of the charging system, providing a connection between the Power Unit and the Satellite and the external back-end IT system.

The built-in internal Ekoenergetyka Power Guard application, through the implemented power control algorithms and cooperation with the system, allows the realization of parallel charging of several vehicles and load balancing so that the maximum power of a group of chargers will not be exceeded at any time.

In addition, the Control Unit constantly monitors the operational safety of the entire charging system, turning off the power supply in emergency situations. The Control Unit has a built-in battery backup system ensuring its operation in cases of mains power failure.



Charging multiple vehicles at the same time



Load balancing



Charging system safety monitoring



Emergency battery backup

Device Type

**Control Unit**

Configurations

Control Unit Mini:  
2 - 4 x Power Units

Control Unit Maxi:  
5 - 24 x Power Units

Charging systems variants

Power Unit - Axon Side 400

# CONTROL UNIT



## TECHNICAL SPECIFICATIONS

CONFIGURATION	Control Unit Mini 2 - 4 x Power Units	Control Unit Maxi 5 - 24 x Power Units
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### AC INPUT

Power supply connection Cable connection in 3 x 2.5 (Cu) configuration

Power supply [V/Hz] AC, 230 / 50

Connection to mains Cable connection in TNS system (L, N, PE)

Connection power [W] 250 W 600 W

### GENERAL

Housing Steel with galvanised coating

Protection rating IP 54  
IK 10

Overall dimensions [H x W x D] 400 x 800 x 300 1300 x 600 x 600

Weight [Kg] ~45 ~120



## Control Unit Mini



## Control Unit Maxi

