ZPARK
ENERGY SYSTEMS

ENERGY **CONTROL**

ZPARK LOAD BALANCER CLASSIC

Product sheet

Zpark's load balancer maximizes the use of available electrical capacity and ensures that the building's main fuse is never exceeded regardless of how many vehicles are charging. The system is AI-driven, measures incoming phases in real time, and distributes power dynamically and hierarchically between chargers. A key component for safe and efficient energy usage.

Dynamic power consumption

The system is regulated dynamically and hierarchically, where power consumption is maximized in relation to the security levels.

Complete system monitoring

Everything is monitored, from the main fuse to each individual charging station. This way the user has full visibility of where energy consumption is occurring.

High scalability

Combined with Gateway Classic, a flexible and scalable system is formed that allows maximum use of the power grid connection with a wide range of chargers.

Product specs

Dimensions	H: 116.4mm, W: 71.5mm, L: 34.8mm
Measuring Connection for Current Transformations	2 units, 300A for 24/32 current transformer. 24 channels each, including 8 3-phase groups. Up to 160A per measurement sensor per phase.
Three Different Measurement Sensors	Antenna connection for wireless communication. Connection for 12V power supply. Connection for 230V power supply.
AI - Controlled	Hierarchical AI-controlled load balancing.
LED Status Indicator	Connected: GREEN. Searching for connection: BLUE. Error detected: RED. Device turned off: LED OFF.
LED Power Indicator	Voltage supply on: GREEN. Device turned off: LED OFF.
Reset Button	

Current Transformers

Unsure what is needed for your facility?
We have something that fits everyone.

Max cable Ø	Max current	Item No:
Ø 16 mm	130A	000-013-000031
Ø 24 mm	300A	000-013-000033
Ø 36 mm	300A	000-013-000034