

ZPARK LOAD BALANCER

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

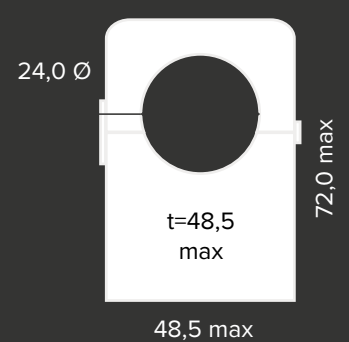
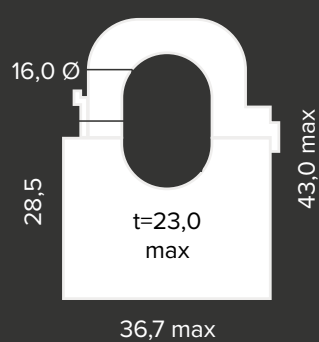
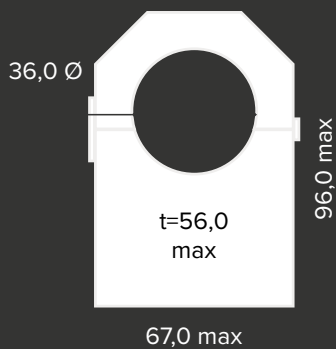
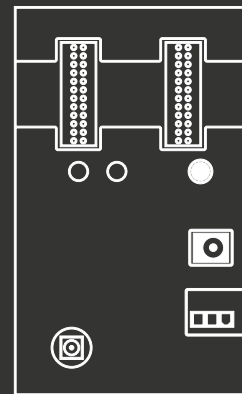
Product specs

Dimensions	H: 116.4mm, W: 71.5mm, L: 34.8mm
Maximum Measuring Current	300A per channel input.
Measuring Connection for Current Transformations	Total of 24 channel inputs (up to eight three-phase groups).
Current transformers	16mm(d) max 130A. 24mm(d) max 300A. 36mm(d) max 300A.
Communication	LoRa.
Power supply	Connection 12V. Connection 230V.
LED Status Indicator	Connected: GREEN. Searching for connection: BLUE. Error detected: RED. Device turned off: LED OFF.
LED Power Indicator	Device on: GREEN. Device 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

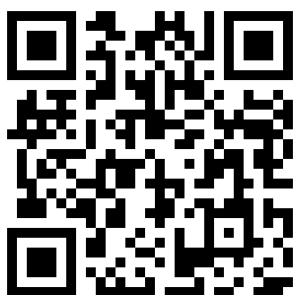


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Fill in the form that shows up and we will get back to you as soon as possible.

You can also email us directly at **info@zpark.se**



If you are unable to scan the QR-code, [click here](#)

