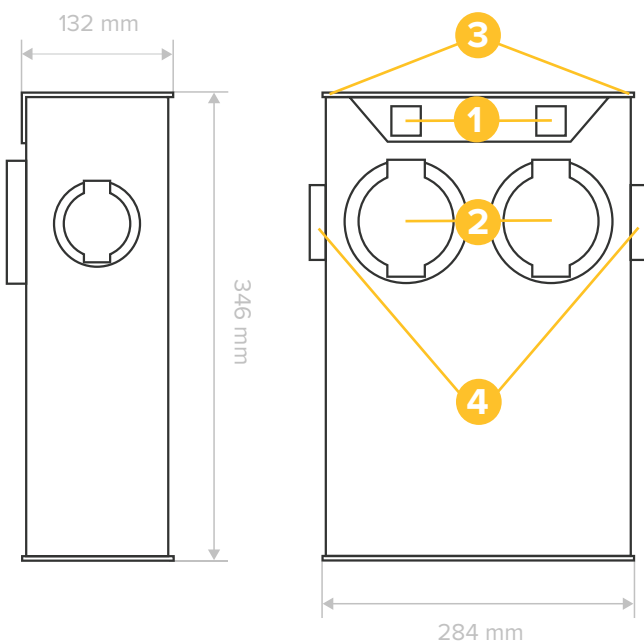


# ZPARK POWERBAY

## Product sheet



1. QR Codes × 2
2. Type 2 EV Outlets × 2
3. LED Indicators × 2
4. 230V Outlets × 2

The Zpark PowerBay is a versatile next-generation charging and heating solution. It provides reliable charging for electric vehicles, bikes, and scooters while also supporting engine heaters in the same system.

Built in robust Magnelis® coated steel material and designed for easy and flexible installation, PowerBay is available in both wall- and pole-mounted versions to fit a wide range of parking environments.

# Product specs

<b>Dimensions</b>	Zpark PowerBay H: 346 mm, W: 284 mm, L: 132 mm
<b>Outlets</b>	2x Type 2 (IEC 62196-2:2022) 2x Schuko for engine heating and e-bikes
<b>Max Power</b>	11 kW per outlet, 22 kW in total
<b>Charging Indicators</b>	With RGB-LED
<b>Material</b>	Magnelis® coated steel
<b>Grid Connection</b>	3-phase 32A 400V TN One single input cable for all sockets
<b>Energy Metering</b>	Yes
<b>Protections</b>	Built-in over-current and ground leakage protection according to IEC 60947-2 with individual protection for each outlet RCD Type A 30mA + 6mA DC Redundant all-pole circuit breaker Overvoltage protection
<b>Protection Class</b>	IP44 Indoor and outdoor use IK10 impact protected Steel enclosure
<b>Electrical Surge Protection</b>	Surge protection category III Protection class I
<b>Temperature Range</b>	-25°C to +40°C
<b>Installation Details</b>	Cable cross section 2.5 mm <sup>2</sup> to 25 mm <sup>2</sup> Copper and Aluminum conductor compatibility Installation-friendly feed-through connection up to 25 mm <sup>2</sup> cable size Uimp 4kV Breaking capacity 6kA Max fuse current on group 80A Built-in 32A circuit breaker
<b>Mounting Options</b>	Wall (standard) Pole mount Double pole mount (back to back) Flexible mounting options supporting standard FL13 flange (horizontal feed-through bracket, flexible cable gland sizes etc.)
<b>Communication</b>	Ethernet and local LoRa* LTE/4G**
<b>Firmware Update *</b>	Automatic OTA
<b>Identification *</b>	Zpark App
<b>Energy Management ***</b>	Dynamic site load balancing Hierarchical load balancing Support for auxiliary loads

\* with Zpark Gateway

\*\* with 4G Router (LTE adapter) and Zpark Gateway

\*\*\* with Zpark Loadbalancer and Zpark Gateway