

AXON EASY 400

A DC charging station that provides very fast, high power charging. It is available in several power variants. New charging station features make it easier to operate making it the ideal solution for many locations. Works in all weather conditions. The charging station is modular design, so its performance can be increased after installation.

Suitable for:

- Expressways
- Petrol stations
- Rest areas
- Parking
- Airport
- Commercial premises



E-cars



E-buses



E-trucks

| | |
|---------------------------------|---|
| Power | 240, 320, 400 kW |
| Power increase | 240 > 400, 320 > 400 |
| Device type | All-in-One charging station |
| Power class | High power charging |
| Power distribution | 50/50, Dynamic power management |
| Connectors | 240, 320, 400 kW, CCS / CCS, CCS HPC / CCS HPC |
| Voltage range | 150-1 000 V |
| Maximum charging current | Up to 500 A |
| Selection of variants | Connectors & cables, Meters, AD display, Power distribution Mark, Payment terminals |
| Measuring standard | Eichrecht, MID |
| Plug & Charge | Available |

Axon Easy 400

1. Ergonomic cable management system (CMS)

2. LED lighting to indicate charging status

3. High efficiency ventilation system while maintaining low noise below 60 dB

4. Resistant construction against vandalism and temperature between -35 °C and +55 °C

5. Can be built-in rear wall of the charger

6. Remote access, diagnostics and software updates

7. Control via intuitive 10" display

8. RFID card reader

8. Payment system as optional CCV / Payter

9. Different variants of payment terminals

10. Access to the operator from all sides



Power distribution and management system

- 0 kW / 400 kW
- 40 kW / 360 kW
- 120 kW / 280 kW
- 200 kW / 200 kW
- 280 kW / 120 kW
- 360 kW / 40 kW
- 400 kW / 0 kW

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Technical specifications

| Configuration | CCS CCS | CCS HPC CCS HPC | CCS CCS | CCS HPC CCS HPC | CCS CCS | CCS HPC CCS HPC |
|---------------|------------|--------------------|------------|--------------------|------------|--------------------|
| Power (kW) | 240 | 240 | 320 | 320 | 400 | 400 |

Access

| | | | | | | |
|-----------------------------|-------------------------------------|-----|-----|-----|-----|-----|
| Power supply (V/Hz) | AC, 3 × 400 / 50 | | | | | |
| Power supply capacity (kVA) | 264 | 264 | 352 | 352 | 428 | 428 |
| Network connection | Cable connector in the TNS system | | | | | |
| Power factor | > 0.98 (for output power above 25%) | | | | | |

Retrieved from

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|----------------------------------|--|----------------|------------------------|----------------|------------------------|----------------|
| Efficiency (%) | > 95, (under optimum operating conditions) | | | | | |
| Maximum rechargeable current (A) | CCS 400 (up to 500) | CCS HPC 500 | CCS 400 (up to 500) | CCS HPC 500 | CCS 400 (up to 500) | CCS HPC 500 |
| Output voltage range (V) | 150–1 000 | | | | | |

Communication

| | |
|---------------|---|
| Recharge mode | IEC 61851-1, IEC 61851-23, IEC 61851-24, ISO 15118, DIN 70121 |
| Protocol | OCPP 1.6-J, OCPP 2.0.1 |

General

| | | | | | | |
|----------------------------------|---|------|------|------|------|------|
| Construction | Steel with galvanic coating | | | | | |
| Protection | IP 54, IK 10, IK8 - Touch screen display | | | | | |
| Dimensions (H × W × D, mm) | 2 120 × 750 × 1 050 | | | | | |
| Weight (kg) | ~500 | ~550 | ~600 | ~650 | ~700 | ~750 |
| Noise level (dB) | < 60 | | | | | |
| Operating temperature range (°C) | -35 to +55, at > 40 the output current can be limited | | | | | |
| m above sea level) | ≤ 2 000 | | | | | |
| Compliance with standards | CE, LVD 2014/35/UE, EMC 2014/30/UE, RED 2014/53/UE | | | | | |

Equipment

| | | | | | | |
|--------------------|--|--|--|--|--|--|
| Product code | AXE-S1G7- 114410002- 00109016- 510010XXX0 | AXE-S1G7- 224410002- 00109016- 510010XXX0 | AXE-S1G8- 114410002- 00109016- 510010XXX0 | AXE-S1G8- 224410002- 00109016- 510010XXX0 | AXE-S1C2- 114410002- 00109016- 510010XXX0 | AXE-S1C2- 224410002- 00109016- 510010XXX0 |
| Power | 240 U | 240 U | 320 U | 320 U | 400 U | 400 U |
| Connectors | CCS / CCS | CCS HPC / CCS HPC | CCS / CCS | CCS HPC / CCS HPC | CCS / CCS | CCS HPC / CCS HPC |
| Length | 5 m / 5 m | | | | | |
| DC meter | Standart | | | | | |
| Payment terminal | | | | | | |
| Brand | | | | | | |
| AD display | | | | | | |
| Power distribution | Dynamic control | | | | | |