

# AXON EASY 180



## TECHNICAL SPECIFICATIONS

|               |            |            |      |
|---------------|------------|------------|------|
| CONFIGURATION | CCS<br>CCS | CCS<br>CCS |      |
| POWER         | 120        | 180        | [kW] |
| POWER UPGRADE | ✓          | -          |      |

## INPUT

|                                 |                                      |     |  |
|---------------------------------|--------------------------------------|-----|--|
| Power supply [V / Hz]           | AC, 3x400 / 50                       |     |  |
| Connection power [kVA]          | 126                                  | 189 |  |
| Podłączenie do sieci            | Cable connector in TNS system        |     |  |
| Power factor                    | > 0,98 (for output power above 25 %) |     |  |
| Differential-current protection | Type A<br>Type B (option)            |     |  |

## OUTPUT

|                              |                                             |                     |  |
|------------------------------|---------------------------------------------|---------------------|--|
| Efficiency [%]               | > 96,5 (under optimal operating conditions) |                     |  |
| Maximum charging current [A] | CCS 400                                     | CCS 400<br>(to 500) |  |
| Output voltage range [V]     | 150 - 1000                                  |                     |  |

## COMMUNICATION

|               |                                                                       |
|---------------|-----------------------------------------------------------------------|
| Charging mode | IEC 61851-1<br>IEC 61851-23<br>IEC 61851-24<br>ISO 15118<br>DIN 70121 |
| Protocol      | OCPP 1.6-J<br>OCPP 2.0.1                                              |

## GENERAL

|                                       |                                                            |      |  |
|---------------------------------------|------------------------------------------------------------|------|--|
| Housing                               | Steel with galvanised coating                              |      |  |
| Colour - housing                      | DB 703                                                     |      |  |
| Colour - front panel                  | RAL 9005                                                   |      |  |
| Color - housing - option              | RAL palette                                                |      |  |
| Protection rating                     | IP 54<br>IK 10                                             |      |  |
| Overall dimensons<br>[H x W x D] (mm) | 2130 x 750 x 980 (housing)<br>2130 x 980 x 1075 (with CMS) |      |  |
| Weight [kg]                           | ~600                                                       | ~700 |  |
| Noise [dBA]                           | < 60 (at a distance 1 m)                                   |      |  |
| Operating temperature range [°C]      | - 35 +55<br>> 40 possible output power limitation          |      |  |
| Operating altitude<br>[m.a.s.l.]      | ≤ 2000                                                     |      |  |
| Compliance with standards             | CE<br>LVD 2014/35/UE<br>EMC 2014/30/UE<br>RED 2014/53/UE   |      |  |

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## STANDARD VERSIONS | EQUIPMENT

| Product code                           | Power | Connectors | Length  | DC Meter | Payment terminal | Branding | AD Display | Power split | AC Socket |
|----------------------------------------|-------|------------|---------|----------|------------------|----------|------------|-------------|-----------|
| AXE-S1G5-114438021-A010D703-510010XXX0 | 120 U | CCS / CCS  | 5m / 5m | MID      | -                | -        | -          | 50/50       | -         |
| AXE-S1B0-114438021-A010D703-510010XXX0 | 180   | CCS / CCS  | 5m / 5m | MID      |                  |          |            | 50/50       |           |

## CONFIGURABLE OPTIONS

| Options Categories              | Selection Of options            | Code Fragment | AXE-O1 | -11 |  |  |  | 1- | 010D703-51001 | XXX0 |
|---------------------------------|---------------------------------|---------------|--------|-----|--|--|--|----|---------------|------|
| Power                           | 180kW                           | B0            | ●      |     |  |  |  |    |               |      |
|                                 | 120kW U → 180kW                 | G5            |        |     |  |  |  |    |               |      |
| Cable length [m] **             | 5 / 5                           | 44            | ●      |     |  |  |  |    |               |      |
|                                 | 7 / 7                           | 88            |        |     |  |  |  |    |               |      |
|                                 | 9 / 9                           | CC            |        |     |  |  |  |    |               |      |
| DC Meter                        | Eichrecht                       | 2             | ●      |     |  |  |  |    |               |      |
|                                 | MID                             | 3             |        |     |  |  |  |    |               |      |
| Payment terminal                | -                               | 8             | ●      |     |  |  |  |    |               |      |
|                                 | PAX IM 30 - CCV                 | 1             |        |     |  |  |  |    |               |      |
|                                 | PAX IM 30 - eService            | 2             |        |     |  |  |  |    |               |      |
|                                 | Payter Apollo - Cloud Solutions | 3             |        |     |  |  |  |    |               |      |
|                                 | Valina - Worldine               | 4             |        |     |  |  |  |    |               |      |
| Branding                        | -                               | 0             | ●      |     |  |  |  |    |               |      |
|                                 | Mini                            | 1             |        |     |  |  |  |    |               |      |
|                                 | Midi                            | 2             |        |     |  |  |  |    |               |      |
|                                 | Maxi                            | 3             |        |     |  |  |  |    |               |      |
| AD Display                      | -                               | 2             | ●      |     |  |  |  |    |               |      |
|                                 | 23,8"                           | 1             |        |     |  |  |  |    |               |      |
| AC Socket                       | -                               | A             | ●      |     |  |  |  |    |               |      |
|                                 | T2S socket                      | 8             |        |     |  |  |  |    |               |      |
| Differential-current protection | Type A                          | 0             | ●      |     |  |  |  |    |               |      |
|                                 | Type B                          | 9             |        |     |  |  |  |    |               |      |