

# AXON EASY 180

## TECHNICAL SPECIFICATIONS

| CONFIGURATION | CCS<br>CCS | CCS | CCS<br>CCS | CCS | CCS<br>CCS | CCS HPC<br>CCS HPC |      |
|---------------|------------|-----|------------|-----|------------|--------------------|------|
| POWER         | 60         | 90  | 120        | 150 | 180        | 180                | [kW] |
| POWER UPGRADE | ✓          | -   | ✓          | -   | -          | -                  |      |

## INPUT

|                        |                                      |    |     |     |     |     |
|------------------------|--------------------------------------|----|-----|-----|-----|-----|
| Power supply [V / Hz]  | AC, 3x400 / 50                       |    |     |     |     |     |
| Connection power [kVA] | 66                                   | 99 | 132 | 165 | 198 | 198 |
| Connection to mains    | Cable connector in TNS system        |    |     |     |     |     |
| Power factor           | > 0,98 (for output power above 25 %) |    |     |     |     |     |

## OUTPUT

|                              |   |         |         |                     |                     |                |
|------------------------------|---|---------|---------|---------------------|---------------------|----------------|
| Efficiency [%]               | > 95 (under optimal operating conditions) |         |         |                     |                     |                |
| Maximum charging current [A] | CCS 200                                   | CCS 250 | CCS 250 | CCS 400<br>(to 500) | CCS 400<br>(to 500) | CCS HPC<br>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                                 | RAL 9016   |      |      |      |      |      |
| Protection rating                      | IP 54<br>IK 10   |      |      |      |      |      |
| Overall dimensions<br>[H x W x D] (mm) | 2120 x 750 x 1050  |      |      |      |      |      |
| Weight [kg]                            | ~450   | ~400 | ~550 | ~600 | ~700 | ~750 |
| Noise [dBA]                            | < 60   |      |      |      |      |      |
| 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 |      |      |      |      |      |

# AXON EASY 180

## STANDARD VERSIONS | EQUIPMENT

| Product code                           | Power | Connectors        | Lenght  | DC Meter | Payment terminal | Branding | AD Display | Power split | AC Socket |
|--|-------|-------------------|---------|----------|------------------|----------|------------|-------------|-----------|
| AXE-S1A3-114410001-00109016-510010XXX0 | 60    | CCS / CCS         | 5m / 5m | Standard | -                | -        | -          | 50/50       | -         |
| AXE-S1A5-104010000-00109016-510010XXX0 | 90    | CCS*              | 5m      | Standard | -                | -        | -          | -           | -         |
| AXE-S1A7-114410001-00109016-510010XXX0 | 120   | CCS / CCS         | 5m / 5m | Standard | -                | -        | -          | 50/50       | -         |
| AXE-S1A8-104010000-00109016-510010XXX0 | 150   | CCS**             | 5m      | Standard | -                | -        | -          | -           | -         |
| AXE-S1B0-114410001-00109016-510010XXX0 | 180   | CCS / CCS         | 5m / 5m | Standard | -                | -        | -          | 50/50       | -         |
| AXE-S1B0-224410001-00109016-510010XXX0 | 180   | CCS HPC / CCS HPC | 5m / 5m | Standard | -                | -        | -          | 50/50       | -         |

## CONFIGURABLE OPTIONS

| Options Categories       | Selection Of options     | Code Fragment | AXE-01 | - | 1- | 0109016-510010XXX0 |
|--------------------------|--------------------------|---------------|--------|---|----|--------------------|
| <b>Power</b>             | 60kW                     | A3            |        |   |    |                    |
|                          | 90kW *                   | A5            |        |   |    |                    |
|                          | 120kW                    | A7            |        |   |    |                    |
|                          | 150kW *                  | A8            |        |   |    |                    |
|                          | 180kW                    | B0            |        |   |    |                    |
|                          | 60kW U → 120kW           | G9            |        |   |    |                    |
|                          | 60kW U → 180kW           | G6            |        |   |    |                    |
|                          | 120kW U → 180kW          | G5            |        |   |    |                    |
| <b>Connectors #1, #2</b> | CCS / -                  | 10            |        |   |    |                    |
|                          | - / CCS                  | 01            |        |   |    |                    |
|                          | CCS / CCS                | 11            |        |   |    |                    |
|                          | CCS HPC / CCS HPC        | 22            |        |   |    |                    |
|                          | CCS / CHAdeMO**          | 31            |        |   |    |                    |
| <b>Cable lenght [m]</b>  | 5 / -                    | 40            |        |   |    |                    |
|                          | - / 5                    | 04            |        |   |    |                    |
|                          | 5 / 5                    | 44            |        |   |    |                    |
|                          | 7 / 7 ***                | 88            |        |   |    |                    |
|                          | 9,5 / 9,5 ***            | DD            |        |   |    |                    |
|                          | 5 / 4 ****               | 42            |        |   |    |                    |
| <b>DC Meter</b>          | Standard                 | 1             |        |   |    |                    |
|                          | Eichrecht                | 2             |        |   |    |                    |
|                          | MID                      | 3             |        |   |    |                    |
| <b>Payment terminal</b>  | -                        | 0             |        |   |    |                    |
|                          | PAX IM 30 - CCV          | 1             |        |   |    |                    |
|                          | PAX IM 30 - eService     | 2             |        |   |    |                    |
|                          | Payter Apollo - Wordline | 3             |        |   |    |                    |
|                          | Valina - Worldine        | 4             |        |   |    |                    |
| <b>Branding</b>          | -                        | 0             |        |   |    |                    |
|                          | Mini                     | 1             |        |   |    |                    |
|                          | Midi                     | 2             |        |   |    |                    |
|                          | Maxi                     | 3             |        |   |    |                    |
|                          | Full Wrap                | 4             |        |   |    |                    |
| <b>AD Display</b>        | -                        | 0             |        |   |    |                    |
|                          | 24"                      | 1             |        |   |    |                    |
| <b>AC Socket</b>         | -                        | 0             |        |   |    |                    |
|                          | T2S socket               | 8             |        |   |    |                    |

Standard indicates the meter produced by Ekoenergetyka  
 \* 1 x CCS - for power variants 90, 150 kW  
 \*\* CHAdeMO - option for 60, 60 U, 120, 120 U, 180 kW variants  
 \*\*\* Only uncooled connectors  
 \*\*\*\* Lenghts for the variant CCS / CHAdeMO