

PULSAR PRO TETHERED/SOCKET

Technical Datasheet

General Specifications

|                              |                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Model                        | Pulsar Pro                                                                                                         |
| Colour                       | Black                                                                                                              |
| Connector Type (IEC 62196-2) | Type 2 tethered or socket (with shutter)                                                                           |
| Cable Length                 | 5 m / 7 m (tethered version only)                                                                                  |
| Charging Mode (IEC 61851-1)  | Mode 3                                                                                                             |
| Dimensions                   | <b>Tethered</b><br>198 × 201 × 99 mm (without cable)                                                               |
|                              | <b>Socket</b><br>204,3 × 313 × 142,5 mm                                                                            |
| Weight                       | <b>Tethered</b><br>1.3 kg (without cable)                                                                          |
|                              | <b>Socket</b><br>2.5 kg                                                                                            |
| Operating Temperature        | -30°C to 50°C <sup>[5]</sup>                                                                                       |
| Storage Temperature          | -40°C to 70°C                                                                                                      |
| Additional Safety Features   | Tamper detection, secure update, secure boot, secure storage & encrypted communications                            |
| Standards & Regulations      | IEC 61851-1, IEC 61851-21-2, RED Directive 2014/53/EU and RoHS Directive 2011/65/EU, UK Smart Charging Regulations |

User Interface & Communications

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| Connectivity                     | Wi-Fi, 4G, Ethernet <sup>[6]</sup> , Bluetooth           |
| User Identification              | Wallbox App & Portal, RFID, NFC <sup>[1]</sup>           |
| User Interface                   | Wallbox App & Portal                                     |
| Charger Status Information       | Halo RGB LED,<br>Wallbox App & Portal                    |
| Included EMS                     | Static load management                                   |
| Optional EMS <sup>[3]</sup>      | Dynamic load management,<br>solar charging, external MID |
| External Communication Interface | OCPP, partner API and SDK                                |

[1] HW ready

[2] 22 kW charger limited to 11 kW during installation

[3] Require an additional meter

[4] Internal RDC-DD meets tripping time characteristics according to IEC 62955. For specific installation protections please refer to the installation guide.

[5] The charger will operate at full capacity up to 40°C. Above 40°C, derating may apply

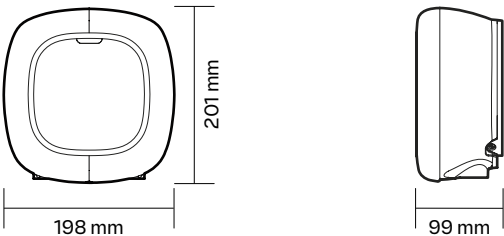
[6] Ethernet is standard in socket version

Electrical Specifications

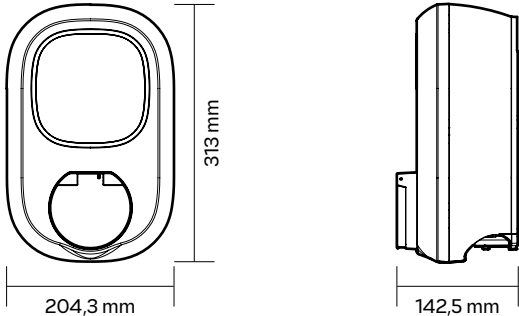
|                             |                                                     |                             |                          |
|-----------------------------|-----------------------------------------------------|-----------------------------|--------------------------|
| Charging Power              | <b>7,4 kW</b>                                       | <b>11 kW</b> <sup>[2]</sup> | <b>22 kW</b>             |
| Rated Voltage AC ± 10%      | 230 V                                               | 400 V                       | 400 V                    |
| Rated Current               | 32 A (1P)                                           | 16 A (3P)                   | 32 A (3P)                |
| Input Cable Width           | up to 13 mm <sup>2</sup>                            | up to 13 mm <sup>2</sup>    | up to 13 mm <sup>2</sup> |
| Configurable Current        | from 6 A to rated current                           |                             |                          |
| Rated Frequency             | 50 Hz / 60 Hz                                       |                             |                          |
| Protection Rating           | IP55 / IK10                                         |                             |                          |
| Surge Category              | CAT III                                             |                             |                          |
| Residual Current Protection | 6 mA DC leakage protection <sup>[4]</sup>           |                             |                          |
| Additional Protections      | Optional external shunt (welding shut down)         |                             |                          |
| Internal Metering           | Class A equivalent (Error ≤ 2%), factory calibrated |                             |                          |

Dimensions

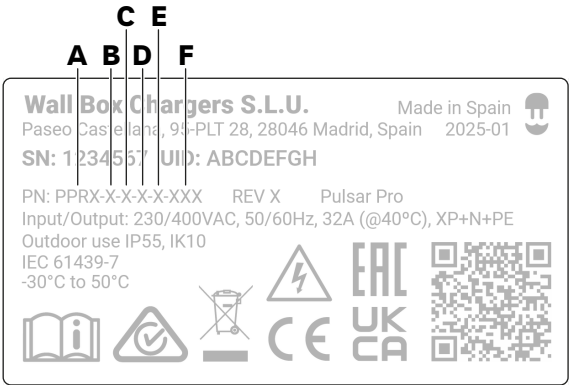
Tethered version



Socket version



Part Number Structure



|          | Code               | Definition                        |
|----------|--------------------|-----------------------------------|
| <b>A</b> | Model              | PPRX Pulsar Pro                   |
| <b>B</b> | Output             | O 5 m                             |
|          |                    | M 7 m                             |
|          |                    | W Socket with Shutter             |
|          |                    | A 5 m with Shutters               |
|          |                    | B 7 m with Shutters               |
| <b>C</b> | Connector          | 2 Type 2                          |
| <b>D</b> | Power              | 2 7,4 kW                          |
|          |                    | 4 22 kW                           |
| <b>E</b> | Additional Feature | T UK O-PEN protection + 4G + RFID |
|          |                    | K Welding Protection + 4G + RFID  |
|          |                    | A 14 A                            |
| <b>F</b> | Custom             | XX2 Black                         |