

EV CHARGER DATA SHEET

Wallbox Pulsar Plus

Compact, connected AC charging with optional solar and load-management functions.



Product configuration

Pulsar Plus Tethered Type 2, 5 m cable (7 m optional), black or white.

Perfect for:

Homes and private garages needing a compact smart charger with scheduling, monitoring and optional energy management.

- ✔ Compact tethered charger available in 7.4 kW, 11 kW and 22 kW variants.
- ✔ Connects to the Wallbox app and portal using Wi-Fi or Bluetooth.
- ✔ Compatible with static load management, dynamic load management and solar charging.

7.4-22 kW

Available power range

6-32 A

Configurable current

IP54 / IK08

Tethered enclosure rating

Wi-Fi + BT

Smart connectivity

Product configuration

| Component          | Selected model / description                                       |
|--------------------|--------------------------------------------------------------------|
| Charger            | 1 x Wallbox Pulsar Plus Tethered                                   |
| Output variants    | 7.4 kW 1P, 11 kW 3P or 22 kW 3P                                    |
| Vehicle connection | Tethered Type 2 cable; 5 m standard, 7 m optional                  |
| Monitoring         | Wallbox App and Wallbox Portal                                     |
| Connectivity       | Wi-Fi and Bluetooth                                                |
| Energy management  | Static load management, dynamic load management and solar charging |

IMPORTANT DESIGN NOTE

Energy management functions require compatible Wallbox metering and configuration. The charger operates at full capacity up to 40 C; above 40 C, power derating may apply.

## 1. TECHNICAL SPECIFICATIONS

# Wallbox Pulsar Plus

Consolidated manufacturer specifications for preliminary design and customer information.

## Electrical specifications

| Electrical parameter        | Reference value                                             |
|-----------------------------|-------------------------------------------------------------|
| Charging power              | 7.4 kW (1P), 11 kW (3P), 22 kW (3P)                         |
| Rated voltage               | 230 V (1P) or 400 V (3P), +/-10%                            |
| Rated current               | 32 A 1P, 16 A 3P or 32 A 3P by model                        |
| Configurable current        | 6 A to rated current                                        |
| Rated frequency             | 50 / 60 Hz                                                  |
| Connector                   | IEC 62196-2 Type 2 for 11/22 kW; model dependent for 7.4 kW |
| Residual current protection | Integrated 6 mA DC leakage protection                       |
| Surge category              | CAT III                                                     |

## General, environmental and communications data

| General parameter     | Reference value                               |
|-----------------------|-----------------------------------------------|
| Dimensions            | 166 x 163 x 82 mm, excluding cable            |
| Weight                | 1 kg, excluding cable                         |
| Cable length          | 5 m standard; 7 m optional for Type 2         |
| Operating temperature | -25 C to +50 C; derating may apply above 40 C |
| Storage temperature   | -40 C to +70 C                                |
| Protection rating     | IP54 / IK08                                   |
| Connectivity          | Wi-Fi and Bluetooth                           |
| Warranty              | 3 years stated by Wallbox product overview    |

## Smart and energy-management features

- ✔ Scheduled charging through the Wallbox app
- ✔ Session history and charger status through app and portal
- ✔ Static and dynamic load-management compatibility
- ✔ Solar charging compatibility with required meter
- ✔ RGB halo status indication

## 2. INSTALLATION, COMMISSIONING AND HANDOVER

# Wallbox Pulsar Plus

Installer-focused design checks for a compliant hard-wired Australian installation.

## Installation and commissioning review

| Check             | Included / expected                                                                         | Site-dependent requirement                                               |
|-------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Supply and phase  | Select the correct 7.4, 11 or 22 kW variant for the available supply.                       | Confirm the EV onboard charger supports the intended rate.               |
| Protection        | Install required upstream protective equipment and earthing arrangement.                    | Coordinate with the integrated 6 mA DC leakage protection.               |
| Energy management | Install compatible Wallbox power meter where solar charging or dynamic control is required. | Activate and test the selected energy-management profile.                |
| Communications    | Use Bluetooth for local pairing and Wi-Fi for remote functions.                             | Confirm stable Wi-Fi coverage or advise customer of offline limitations. |
| Commissioning     | Pair the charger, update software, set current and configure schedules/energy management.   | Document final current limit and customer account ownership.             |

## Standard installation and handover scope

| Function                 | Included / expected                                                                             | Site-dependent requirement                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Mounting and cable route | Secure wall mounting, compliant cable support and mechanical protection.                        | Wall construction, exposure, conduit route, penetrations and mounting height.    |
| AC connection            | Dedicated hard-wired connection to the switchboard with labelled isolation/protection.          | Service capacity, phase allocation, voltage drop and switchboard condition.      |
| Testing                  | Polarity, earth continuity, insulation, protective-device operation and functional charge test. | Vehicle availability, test adapter and manufacturer commissioning process.       |
| Online monitoring        | App/portal setup, owner account and basic operating demonstration.                              | Stable internet, mobile coverage or OCPP backend credentials.                    |
| Documentation            | Equipment schedule, settings, serial number, photos and customer handover records.              | Network/DNSP requirements, warranty registration and site-specific certificates. |

### AUSTRALIAN INSTALLATION NOTE

Installation must be completed by a licensed electrician in accordance with current Australian wiring rules, manufacturer instructions, product approval conditions and the requirements applying to the premises. Cable sizing, protection, RCD/RDC-DD coordination, earthing, load management and phase selection are final engineering decisions, not fixed package assumptions.

### 3. SOURCES, WARRANTY AND COMPLIANCE NOTES

## Wallbox Pulsar Plus

Manufacturer references must be checked again before quotation, ordering and installation.

### Manufacturer reference documents

**1. Wallbox - Pulsar Plus Tethered Technical Datasheet, June 2025**

[Open official manufacturer source](#)

**2. Wallbox Help Center - Pulsar Plus Product Overview and Warranty**

[Open official manufacturer source](#)

**3. Wallbox - Pulsar Family energy-management overview**

[Open official manufacturer source](#)

### Final pre-quotation and procurement checklist

| Check                  | Required confirmation                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Exact product identity | Confirm model suffix, power rating, phase configuration, connector/cable option, hardware revision and RCM approval.            |
| Vehicle compatibility  | Confirm Type 2 compatibility and the EV onboard AC charging limit.                                                              |
| Site and switchboard   | Confirm available supply capacity, phase arrangement, main switchboard condition, cable route and load profile.                 |
| Protection and cabling | Finalise breaker/RCD/RDC-DD coordination, cable sizing, voltage drop, earthing, isolation, labelling and mechanical protection. |
| Smart energy features  | Confirm meters/CTs, solar integration, load-management hardware, communications and backend subscriptions.                      |
| Warranty and handover  | Verify Australian warranty terms, register the product, provide serials/settings and demonstrate app operation.                 |

### Warranty wording

**WARRANTY**

Wallbox states a 3-year limited warranty against defects in materials and workmanship. Confirm the Australian warranty channel, purchase evidence and any registration requirements at time of supply.

### Technical and commercial disclaimer

**IMPORTANT**

This HI-PRO document is a consolidated technical reference and marketing-support sheet. It is not the manufacturer datasheet, a construction drawing, a final circuit design or a substitute for current installation manuals. Specifications, firmware, approvals, accessories and warranty terms can change without notice. Final equipment selection and installation must be confirmed after site inspection and must comply with all applicable Australian requirements and manufacturer instructions.

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