

EV CHARGER DATA SHEET

Tesla Gen 3 Wall Connector

Smart AC home charging for Tesla and compatible Type 2 electric vehicles.



Product configuration

Gen 3 Wall Connector, 7.3 m Type 2 cable (Australian market).

Perfect for:

Tesla owners, mixed-EV households using Type 2 charging, apartments, hospitality properties and workplaces.

- ✔ Compatible with single-phase and three-phase electrical supplies.
- ✔ Wi-Fi connected for app control, scheduling, diagnostics and over-the-air updates.
- ✔ Automatic power sharing supports up to six Gen 3 Wall Connectors.

Up to 22 kW

Maximum hardware output

1P / 3P

Supply compatibility

32 A

Maximum current

7.3 m

Tethered Type 2 cable

Product configuration

Component	Selected model / description
Charger	1 x Tesla Gen 3 Wall Connector
Output options	Configurable to suit available supply; up to 22 kW hardware rating
Vehicle connection	Tethered Type 2 cable, 7.3 m
Monitoring	Tesla app; local 2.4 GHz Wi-Fi connection
Power management	Static, dynamic (approved meter required) and group power management
Installation type	Hard-wired, wall mounted, indoor or outdoor

IMPORTANT DESIGN NOTE

Actual vehicle charging power is limited by the installed circuit, supply phase configuration and the vehicle onboard charger. Tesla Australia currently publishes model-specific charging tables that may be lower than the Wall Connector hardware maximum.

1. TECHNICAL SPECIFICATIONS

Tesla Gen 3 Wall Connector

Consolidated manufacturer specifications for preliminary design and customer information.

Electrical specifications

Electrical parameter	Reference value
Rated supply voltage	230-410 V AC
Maximum output current	32 A
Maximum power output	Up to 22 kW hardware capability
Typical residential settings	7.4 kW at 230 V single-phase; three-phase setting subject to vehicle and supply
Charging mode / connector	Mode 3 AC charging; tethered Type 2
Safety	Integrated GFCI stated by Tesla Australia
Power management	Static, Dynamic and Group Power Management
Group sharing	Up to six Gen 3 Wall Connectors

General, environmental and communications data

General parameter	Reference value
Dimensions	345 x 155 x 110 mm
Cable length	7.3 m
Installation location	Indoor / outdoor
Wi-Fi	2.4 GHz 802.11 b/g/n; WPA2-CCMP/AES
Firmware	Over-the-air updates via Wi-Fi
App functions	Charging schedule, usage data, access controls and remote diagnostics
Compliance shown by Tesla	CE, IEC CB
Residential warranty	48 months from invoice for normal residential use

Smart and energy-management features

- ✔ Tesla app monitoring and scheduled charging
- ✔ Remote diagnostics and firmware updates
- ✔ Access controls for all vehicles, Tesla-only or authorised Tesla vehicles
- ✔ Dynamic power management with a Tesla-approved meter
- ✔ Wireless group power management for multiple Wall Connectors

2. INSTALLATION, COMMISSIONING AND HANDOVER

Tesla Gen 3 Wall Connector

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

Installation and commissioning review

Check	Included / expected	Site-dependent requirement
Supply and phase	Confirm single/three-phase supply, available capacity and the EV onboard charger limit.	Final breaker and current setting are site specific.
Protection	Dedicated circuit and protective equipment selected by the installing electrician.	Coordinate with the integrated GFCI and current Australian wiring requirements.
Dynamic power management	Optional Tesla-approved power meter installed at the relevant panel.	Required only where real-time load control is selected.
Communications	2.4 GHz Wi-Fi recommended for app features, updates and diagnostics.	Charging and power management can operate without internet after commissioning.
Commissioning	Set country, breaker size, Wi-Fi, software and access controls using Tesla One.	Register the charger to the customer Tesla account.

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

Tesla Gen 3 Wall Connector

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

Manufacturer reference documents

1. Tesla Australia - Home Charging and Wall Connector specifications

[Open official manufacturer source](#)

2. Tesla Australia - Wall Connector support and charging speed table

[Open official manufacturer source](#)

3. Tesla Australia - Wall Connector Power Management

[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

Tesla Australia states 48 months for normal residential use and 12 months for normal commercial use, measured from the invoice date. Confirm the current warranty terms for the exact product and application 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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