



HEXAR SOLUTIONS PTY LTD



EVNEX SMART CHARGER INSTALLATION

New Zealand-built hardware, installed and certified by licensed Queensland electricians. This pack sits with your quote: what you are buying, what it costs, how the install runs, and what is covered afterwards.

50 KM

RANGE PER HOUR

4 + 5 YR

PRODUCT +
WORKMANSHIP

1 VISIT

INSTALL, TEST, SET UP

1300 365 700

service@hexar.co · hexarsolutions.com.au · EC 87175 · ISO 9001 certified





HARDWARE WE'RE WILLING TO WARRANT

We install Evnex because it is the unit we get the fewest callbacks on. Designed and built in New Zealand, supported locally, and engineered for the conditions Queensland switchboards actually run in.

OVERLOAD PROTECTION

A CT clamp reads your main feed in real time and throttles the charge before the main breaker trips. No nuisance callouts.

SOLAR DIVERSION

Charges on surplus export instead of sending it to the grid at feed-in rates. Standard on E2 Core, E2 Plus and X22.

SCHEDULING & APP

Start, stop and schedule from the phone. Per-session cost, kWh and emissions tracking, and firmware updates over the air.

4-YEAR WARRANTY

Four years residential, three years commercial, from the manufacturer — longer than most of the market.

TECHNICAL SUMMARY — E2 RANGE

Output

7.4 kW, 6–32 A, single phase

Connector

Type 2 tethered, 5 m or 8 m

Enclosure

IP55, UV stable

Dimensions

286 × 185 × 66 mm

Compliance

AS/NZS 3820:2020 · IEC
61851-1:2017

Leakage detection

6 mA DC, built in

FOUR MODELS. ONE INSTALL STANDARD.

Prices are Evnex Australia list, **including GST**, and cover the charger, certified installation, testing and app set-up. They apply to Queensland installations on a **single-phase 20 A circuit**. Your quote confirms the final figure once we have seen the switchboard and cable run.

	E2 FLEX	E2 CORE	E2 PLUS	X22
Charging power	7.4 kW 1φ	7.4 kW 1φ	7.4 kW 1φ	22 kW 3φ
Range per hour	Up to 50 km	Up to 50 km	Up to 50 km	Up to 120 km
Cable	5 m Type 2	5 m Type 2	8 m Type 2	8 m Type 2 tethered socket on request
Solar diversion	Upgrade \$349	Included	Included	Included, 3φ aware
Overload protection	Included	Included	Included	Included
Connectivity	Wi-Fi	Wi-Fi	Wi-Fi + 4G	Wi-Fi + 4G
Colourways	Volcanic	Volcanic	Snow · Sand · Stone · Volcanic	White · Grey
Charger only	\$799	\$1,099	\$1,399	On application
Fully installed from incl. GST · 20 A circuit · back-to-back	\$1,785	\$2,085	\$2,375	FROM \$2,935*



Back-to-back = charger mounted directly opposite the switchboard, the shortest cable run. **Add \$330 incl. GST** for a run up to 15 m. *X22: \$3,500 up to 15 m; both figures subject to a site inspection. **25 A or 32 A** circuits need Energex approval and are priced on the day, typically \$800–\$1,200 more.

Queensland only. Snow is recommended for indoor mounting. Chargers above 20 A require active demand management under Energex rules.

HEXAR SOLUTIONS PTY LTD · EC 87175 · EVNEX
CERTIFIED INSTALLER · ISO 9001



SCAN FOR A QUICK QUOTE

LICENSED, CERTIFIED, AND ON THE HOOK FOR IT

Hexar Solutions is a Brisbane electrical contractor. Our day job is industrial automation and warehouse power — EV charging is the same discipline at domestic scale: correct cable sizing, correct protection, correct paperwork.

**QLD ELECTRICAL CONTRACTOR
LICENCE**

EC 87175

ABN

29 642 429 169

PUBLIC LIABILITY COVER

\$50M COVER

ACCREDITATION & QUALITY

EVNEX CERTIFIED · ISO 9001

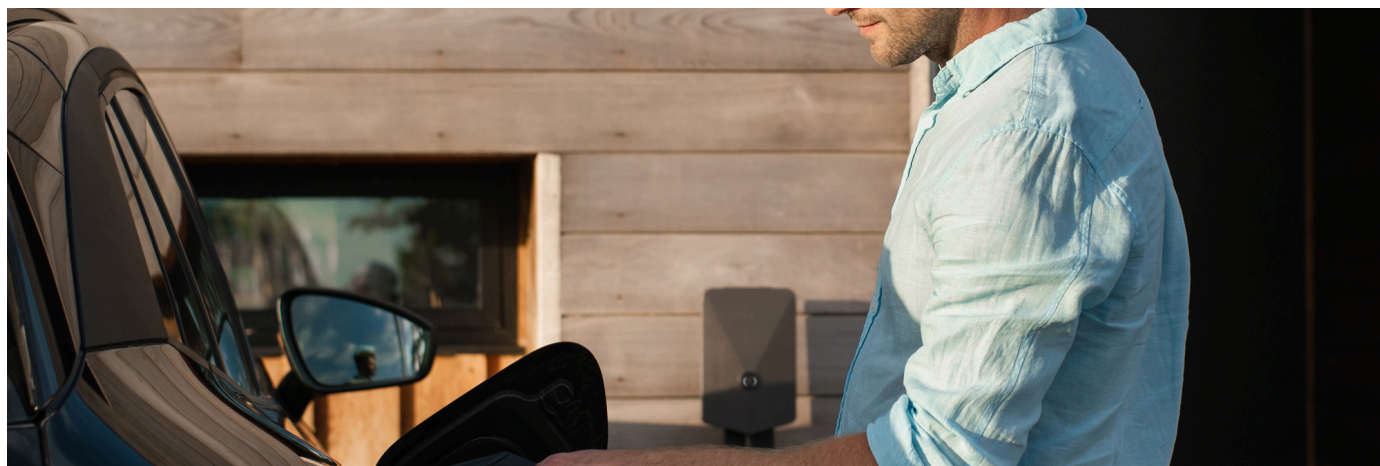
WHAT YOU GET ON EVERY JOB

Certificate of Testing and Compliance issued on completion. Switchboard schedule updated. Energex notification lodged where required. Photographic record of the cable route and terminations, kept on file for the life of the warranty.

Same team from quote to commissioning — the electrician who scopes the job is the one who does it.

evnex

**CERTIFIED
INSTALLER**





WHAT THE PRICE ACTUALLY COVERS

A standard install is a single-phase 20 A circuit with the charger mounted back to back with the switchboard — directly opposite it, the shortest cable run — surface-mounted on a masonry or timber wall, with spare capacity on the board. Runs up to 15 m add \$330 incl. GST. Queensland installations, prices incl. GST.

INCLUDED — STANDARD SINGLE-PHASE INSTALL

- ✓ Evnex charger, colourway of your choice
- ✓ **Single phase:** dedicated 20 A circuit, RCBO and switchboard labelling
- ✓ Back-to-back cable run and containment, sized to AS/NZS 3000 for your measured run
- ✓ CT clamp fitted at the main feed for overload protection
- ✓ Energex notification and demand management set-up
- ✓ Commissioning, charge test and app pairing with you
- ✓ Certificate of Testing and Compliance
- ✓ Site left clean, all waste removed

NOT INCLUDED — QUOTED SEPARATELY

- + **25 A or 32 A single-phase circuit** — Energex approval required, priced on the day, typically \$800–\$1,200
- + Switchboard upgrade, new main switch or extra ways
- + Runs up to 15 m (add \$330 incl. GST); beyond 15 m, underground or through a slab
- + Upgrading a single-phase property to three phase, or a service mains upgrade
- + Concealed cable in existing walls or ceilings
- + Asbestos-affected substrates or restricted-access work
- + Body corporate submissions for units and townhouses
- + Pedestal or bollard mounting where there is no wall

THREE-PHASE (X22) INSTALLS

- Dedicated three-phase circuit, 32 A per phase, and associated switchboard work
- Three-phase CT clamp set for whole-of-supply load monitoring
- **Priced after a site inspection** — from \$2,935 back-to-back, \$3,500 up to 15 m

NO SURPRISES ON THE DAY

We assess the switchboard, supply and cable route before we quote — by site visit or by photos. If something unexpected turns up mid-install, work stops and we call you with a price before continuing.



FIVE STEPS, ONE VISIT ON SITE

Most jobs are on the wall and charging within three to four hours. You need to be home at the start and the end.

01**SCOPE**

Photos of your switchboard, meter and preferred charger location, or a site visit. We confirm supply type, spare capacity and cable route.

02**FIXED QUOTE**

Model recommendation, itemised price, any extras called out separately. Valid 30 days.

03**BOOKING**

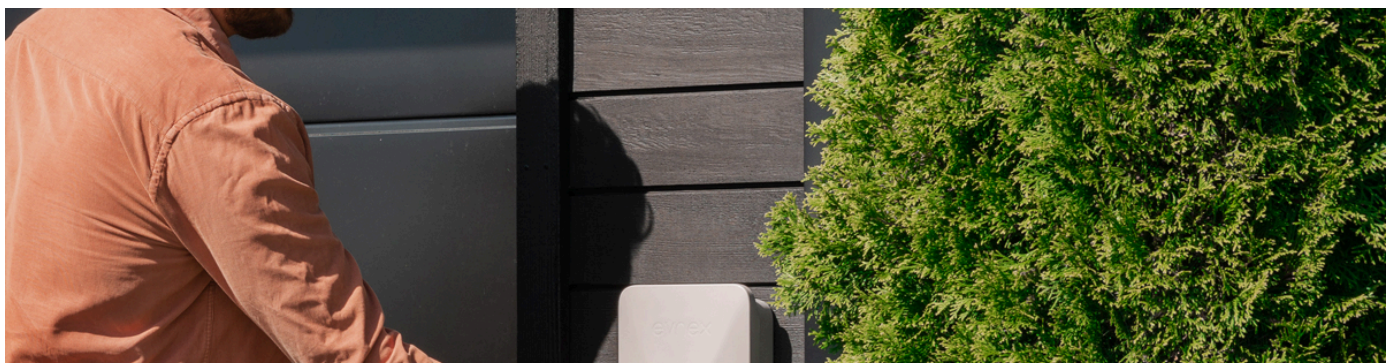
Charger ordered, Energex notification lodged, install date locked in. Typically 5–10 business days from acceptance.

04**INSTALL & TEST**

Dedicated circuit run, charger mounted, CT clamp fitted, full test sequence and a live charge on your car before we leave.

05**HANDOVER**

App set up on your phone, schedule and solar settings configured to your tariff, compliance certificate emailed the same day.





WHERE THE MONEY ACTUALLY COMES BACK

A dumb charger charges whenever it is plugged in, at whatever the tariff happens to be. A smart charger decides. That decision is the whole return on the hardware.

SURPLUS SOLAR

FREE KM

Export you would otherwise sell at feed-in rates goes into the car instead. Diversion starts above 1.5 kW of export.

OFF-PEAK WINDOW

SET ONCE

Schedule charging inside your cheapest tariff block. Plug in when you get home; it waits for the rate.

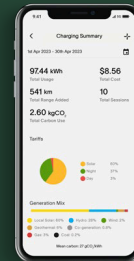
VERSUS PUBLIC DC

HOME WINS

Charging at home on any residential tariff is materially cheaper per kWh than a public fast charger.

WORKED EXAMPLE — YOUR NUMBERS WILL DIFFER

An EV driven 15,000 km a year uses roughly 2,600 kWh. Shifting that consumption from a general tariff to surplus solar and off-peak is where the charger pays for itself. We will run the calculation against your actual retailer tariff and solar system as part of the quote — no guesses on this page.



QUEENSLAND SPECIFICS

Energex requires active demand management on home chargers drawing more than 20 A. The Evnex unit satisfies this in software, so you keep full 32 A charging outside constrained periods rather than being derated permanently. We lodge the notification and configure the settings at commissioning.

COVERED AFTER WE DRIVE AWAY

5 YEARS

HEXAR WORKMANSHIP

Our installation work — wiring, terminations, mounting, protection and labelling — for five years from commissioning.

4 YEARS

EVNEX PRODUCT (RESIDENTIAL)

Manufacturer warranty on the charger itself, handled by Evnex with local support. Three years for commercial use.

TERMS OF QUOTATION

Quotes are valid for 30 days and priced on the supply arrangement, switchboard capacity and cable route observed at scoping. Variations are priced and approved in writing before work continues. Payment terms are as stated on the quote. All work is carried out to AS/NZS 3000 and AS/NZS 3820, with a Certificate of Testing and Compliance issued on completion. Charger pricing follows Evnex Australia list pricing, including GST, and is subject to change by the manufacturer. Quoted prices apply to Queensland installations on a single-phase 20 A circuit with the charger mounted back to back with the switchboard; a run up to 15 m adds \$330 incl. GST, and longer or concealed runs are quoted individually. A 25 A or 32 A circuit requires Energex approval, adds lead time, and is priced on the day — typically \$800 to \$1,200 above the listed figure. Three-phase X22 pricing is subject to a site inspection. Range and charge-time figures are Evnex published maximums for an efficient vehicle and vary with your car, battery state, supply and ambient conditions. Nothing in this document limits your rights under the Australian Consumer Law.

READY TO BOOK THE SCOPE?

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certified



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