

START HERE

PowerXpress Plug-in Solar Kit · Model 90012 · please read before installing

1 · Check your delivery

Your kit arrives as several boxes on one pallet. Tick each item:

- ☐ 2 × Solar panel — 460 W
- ☐ 1 × Micro-inverter — Marstek MST-MI0800W (with plug & 5 m lead)
- ☐ 2 × Mounting kit — Fastensol (one per panel)
- ☐ Printed inserts & warning labels (in the inverter box)

2 · Before you move anything

- ☐ Check the pallet & boxes for visible transit damage.
- ☐ You will need **2–3 people** and **gloves**.
- ☐ Do not stand or rest panels on bare or rough ground.
- ☐ Keep panels dry and out of direct sun until fitted.

3 · Unpack your pallet

— SOLAR PANEL KIT – UNPACKING & HANDLING INSTRUCTIONS —

1



YOUR PACKAGED KIT

Your kit arrives on one pallet: panels stood upright, protected with cardboard and plastic wrap, with the boxes at the base.

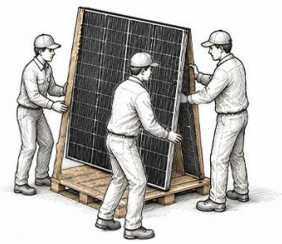
2



CUT THE WRAPPING

Carefully cut the plastic wrap and straps to open the package.

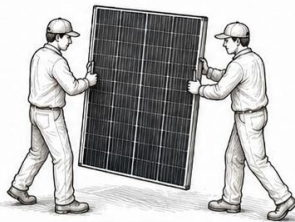
3



SEPARATE THE FIRST PANEL

Two people lift one panel out, while a third person holds the other panel steady on the pallet.

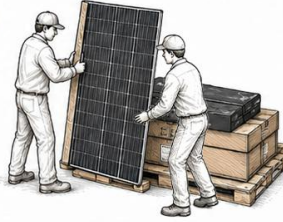
4



MOVE THE FIRST PANEL

Lay the provided cardboard flat on the floor. Two people carry the panel and rest it on the cardboard not on bare or rough ground.

5



REMOVE THE SECOND PANEL

Two people carefully lift out the second panel and rest it on the cardboard too.

6



KIT COMPONENTS

The mounting kits and the Marstek inverter box remain on the pallet. Take these to complete your kit.



IMPORTANT



Always lift and move panels with two people.



Wear gloves avoid injury & fingerprints on the glass.



Do not rest panels on sharp or hard edges.



Keep panels dry and out of direct sunlight.



Store all components in a safe, secure area.

→ Now turn over for Quick-Start, install & registration.

Quick-Start, Install & Register

Only start once your pallet is unpacked (see other side)

4 · Quick-Start & Safety

- **No consumer-unit work is needed** for a standard install — you simply plug into a working wall socket. Only if your socket circuit has **no RCBO/RCD protection** should a qualified electrician check or upgrade it.
- Maximum **one** plug-in solar device (≤ 800 VA) per household.
- The inverter is **live in daylight** — unplug the socket first, then disconnect the panels; never disconnect while running.
- Panels are heavy (24.7 kg) — two-person lift; mind the glass edges.
- Socket must be within reach of the supplied **5 m** lead (or the longer length you chose) — no adaptors or extension leads.

230 V · 50 Hz

800 VA

3.48 A max

IP67

One per household

5 · Install checklist (tick in order)

- ☐ Fit the 2 mounting kits & panels; mount the inverter to the frame, central so both leads reach. *Fastensol manual, section 6*
- ☐ Connect the panel DC leads; route & secure the cable; never disconnect under load. *Marstek manual, section 3*
- ☐ Plug into a socket within reach of the supplied lead — no adaptors/extensions.
- ☐ Check the inverter shows normal status. *Marstek manual, section 5*
- ☐ Affix the consumer-unit & socket warning labels (supplied).
- ☐ Test your RCBO/RCD, then **register your system** (below).

6 · Register your system — free & mandatory, within 28 days

Register at myplugin.solar

Since 27 August 2026, compliant plug-in solar is registered online at **myplugin.solar** (this replaces the old DNO G98 email form).

1. Go to **myplugin.solar** and sign in with your email.
2. Enter your name and postcode.
3. Select your device from the list: **PowerXpress Plug-in Solar 920W 2 Panels + Mounting Kit (Model 90012)**.

ENA reference: **POWEZA/21077/V1**

7 · Documents & security



Scan for the full online guide

Datasheets, declarations, DNO/RCBO detail & support.

powerxpress.com/uk/uk-plug-in-solar-compliance

Security (PSTI): updates until 15 June 2030 · report: support@marstekenergy.com