

UK EDITION · FOLDABLE GLASS

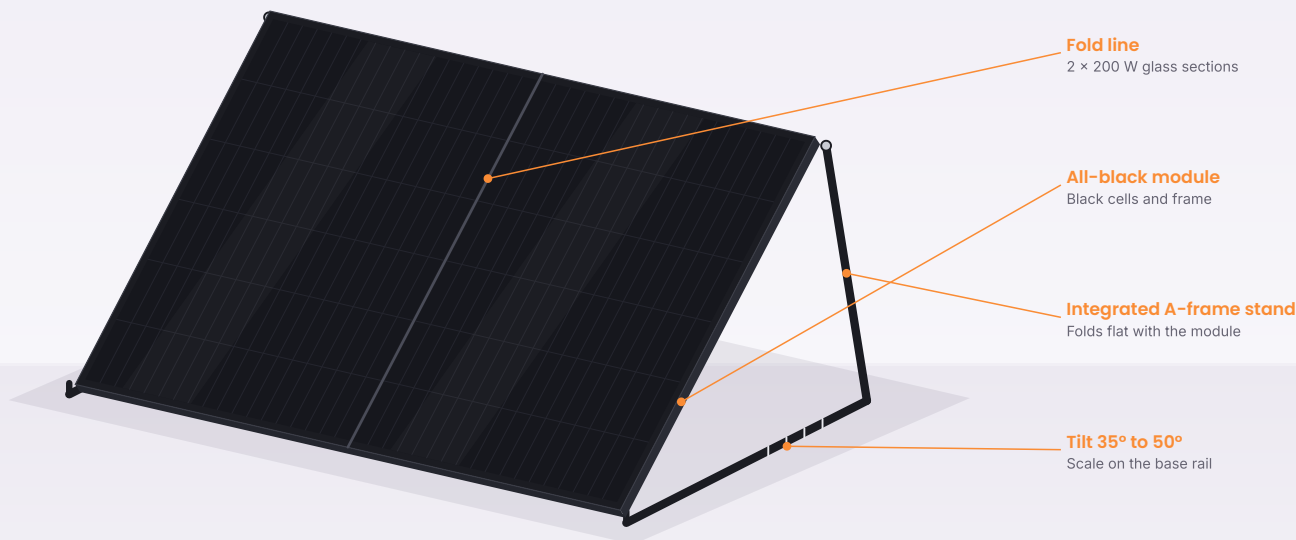


Illustration based on the production sample. VSK-800W includes two modules.

VaySunic SolarKit

Two 400 W glass modules, 800 VA microinverter and a UK 3-pin plug.

VSK-800W UK / 800 VA Plug-in Solar Kit

Unfold. Plug In. Generate.

800 W

Solar power (2 × 400 W)

800 VA

AC output, max. 3.5 A

21.8%

Module efficiency

35–50°

Adjustable tilt

UKCA · CE

BS 1363 plug, G98



Foldable Glass Module

Two 200 W glass halves hinge into one rigid 400 W panel. All-black finish.



Adjustable A-Frame Stand

Built-in stand with a tilt scale from 35° to 50°. Unfold and set.



UK 3-Pin Plug-in

Supplied cable with BS 1363 plug for a standard 13 A socket.



Balcony Railing Ready

The same stand hangs on the railing with two supplied hooks. No drilling.



Lower Logistics Cost

Ships folded in a 1210 × 870 mm crate, 43% smaller than the open panel.

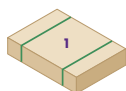


Built for UK Plug-in Rules

800 VA and 3.48 A AC output, 800 W PV. One module per MPPT, no Y-connectors.

One Kit, Two Packages

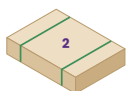
VSK-800W ships as two crates of the same size



Package 1 / 2
Module with Stand
1210 × 870 × 190 mm



1 × 400 W module
Folded, stand fitted



Package 2 / 2
Module with Stand + Microinverter, Cables and Accessories
1210 × 870 × 190 mm



1 × 400 W module
Stand fitted



1 × Microinverter
800 W, 2 MPPT



1 × AC cable
BS 1363 plug



MC4 cables
To inverter



2 × Railing hooks
Ties, quick guide



Optional: Smart meter VDG-EM-1 with CT clamp for zero injection, ordered separately.

Ships folded: crate footprint 1210 × 870 mm (1.05 m²), 43% smaller than the unfolded module (1.86 m²).

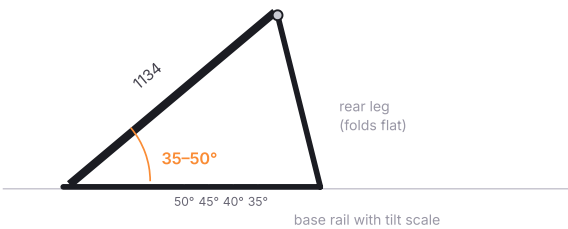
Product Model		VSK-800W
Solar Power, Nominal (W)		800 (2 × 400)
Solar Module Data (STC ¹)		
Module Type		Rigid glass, foldable (2 × 200 W sections), all-black, aluminium frame
Rated Power, Pmax (W)		400
Rated Voltage, Vmp (V)		44.64
Rated Current, Imp (A)		8.97
Open-Circuit Voltage, Voc (V)		51.84
Short-Circuit Current, Isc (A)		9.64
Module Efficiency		21.8%
Dimensions, Unfolded (L × W × H)		1640 × 1134 × 35 mm
Tilt Angle		35–50°, adjustable (scale on the base rail)
Operating Temperature		–40 to +85 °C
Microinverter Data		
Rated Output Power (W)		800
Max. Input Power (W)		1000
Max. Input Voltage (V) ²		63
MPPT Voltage Range (V)		14–60
Number of MPPTs / Max. Input Current (A)		2 / 2 × 18
Max. Output Power (VA) / Max. Output Current (A)		800 / 3.48 (UK limit 800 VA / 3.5 A)
Nominal Output Voltage (V)		230, G98 settings
Nominal Frequency (Hz) / Phases		50 · single-phase
Dimensions (L × W × H) / Weight		274 × 222 × 36.5 mm / 3.22 kg
System Layout		
Solar Modules / Microinverters		2 / 1
Module to Inverter Connection		One module per MPPT input
Installation		Free-standing (balcony floor, terrace, garden) or hung on a balcony railing, same stand
Array Surface Area (m²)		3.72
Production Estimates (kWh / year) ³		
At 900 kWh/m² GHI per year		612
At 1000 kWh/m² GHI per year		680
At 1100 kWh/m² GHI per year		748
System Options		
Communication		Wi-Fi
Zero Injection (EMS function included)		Smart meter VDG-EM-1 with CT (optional)
AC Cable		H07RN-F 3G1.0 mm², BS 1363 plug to microinverter AC connector
Mounting Accessories		2 × railing hooks, cable ties

Certifications and Standards

PV Module	TÜV SAAR · CE · UKCA
Microinverter	G98/1-7:2022 · EN/IEC 62109-1/-2 · EN/IEC 61000-6-1/-2/-3/-4 · EN IEC 62311:2020 · EN 50665:2017 · EN 300 328 · EN 301 489-1/-17
Kit	UKCA · CE · BS 1363 plug

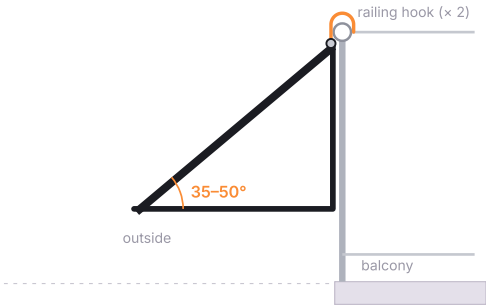
1 Standard test conditions: AM 1.5, irradiance 1000 W/m², cell temperature 25 °C.
2 Module Voc 51.84 V at STC. Check Voc at the lowest site temperature against the 63 V input limit.
3 DC power × annual peak sun hours × 85% system derating. GHI = global horizontal irradiance. Typical UK range shown. Actual yield depends on location, orientation and shading.

Two Ways to Install One stand for both, set up in minutes



Free-Standing

Balcony floor, terrace or garden. Set the tilt from 35° to 50° on the scale of the base rail.



On the Balcony Railing

The same stand hangs outside the railing on the two supplied hooks. The base rail rests against the railing, no drilling.

UK Installation Rules Full details in the English installation manual

Permitted

- Free-standing on a balcony floor, terrace or garden, tilt 35° to 50°.
- Hung on a sound balcony railing with the two supplied hooks.
- Plugged into a standard 13 A socket with the supplied cable only.

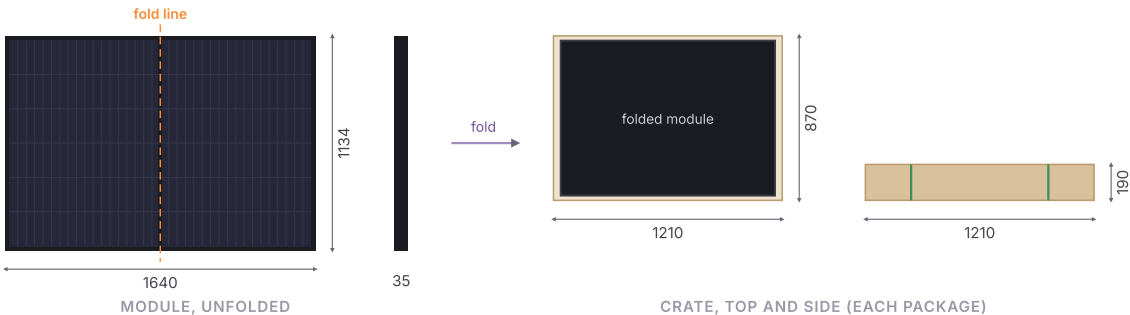
Not Permitted

- Fixing to walls, roofs or other parts of the building structure.
- Railings that are corroded, loose, cracked or of unknown strength.
- Extension leads, multi-way adaptors or RCD adaptors.

After Installation

- Keep the ventilation clearance behind the module given in the manual.
- Secure all cables. Keep escape routes and communal areas clear.
- Notify your electricity network operator (DNO) as required.

Dimensions Dimensions in mm



Packing Configuration Each kit ships as Package 1 + Package 2

Package	Package 1 / 2	Package 2 / 2
Contents	1 × 400 W module with stand	1 × 400 W module with stand, microinverter, AC cable, MC4 cables, 2 railing hooks, accessories
Module State	Folded in half, stand fitted	
Dimensions (L × W × H)	1210 × 870 × 190 mm	1210 × 870 × 190 mm
Packaging	Plywood crate with strapping	

Install only in the configurations shown. Check that the railing is sound and can carry the modules and wind load. See page 4 for the UK plug-in requirements.

Plug-in Solar Device Requirements

The complete kit is the regulated device: modules, microinverter, cables, plug and stand

Item	UK Requirement	SolarKit VSK-800W
Electrical Limits		
AC Output Power	≤ 800 VA	✓ 800 VA
AC Output Current	≤ 3.5 A	✓ 3.48 A
PV Power per Kit	≤ 2000 W (STC)	✓ 800 W (2 × 400 W)
Connections		
AC Connection	Factory-made cable with BS 1363 plug	✓ H07RN-F 3G1.0 mm ² , UK 3-pin plug
DC Connection	Matched connector pairs, no Y-connectors	✓ One module per MPPT input, no Y-connectors
Module and Mounting		
Mounting Type	Portable, not fixed to the building structure	✓ Free-standing stand or railing hooks, no drilling
Permitted Configurations	Defined by the manufacturer	✓ Balcony floor, terrace, garden · balcony railing
Grid and Marking		
Grid Connection	G98	✓ G98/1-7:2022 (microinverter)
Marking	UKCA	✓ UKCA · CE

One Device, Sold Complete

Only these supplied parts form the UK plug-in solar device. Do not mix with other parts.



2 × 400 W modules
With A-frame stand



Microinverter
800 VA, 2 MPPT



AC cable
BS 1363 plug



MC4 cables
Matched pairs



2 × Railing hooks
Railing mount

System Overview

