

NEW • FOLDABLE GLASS

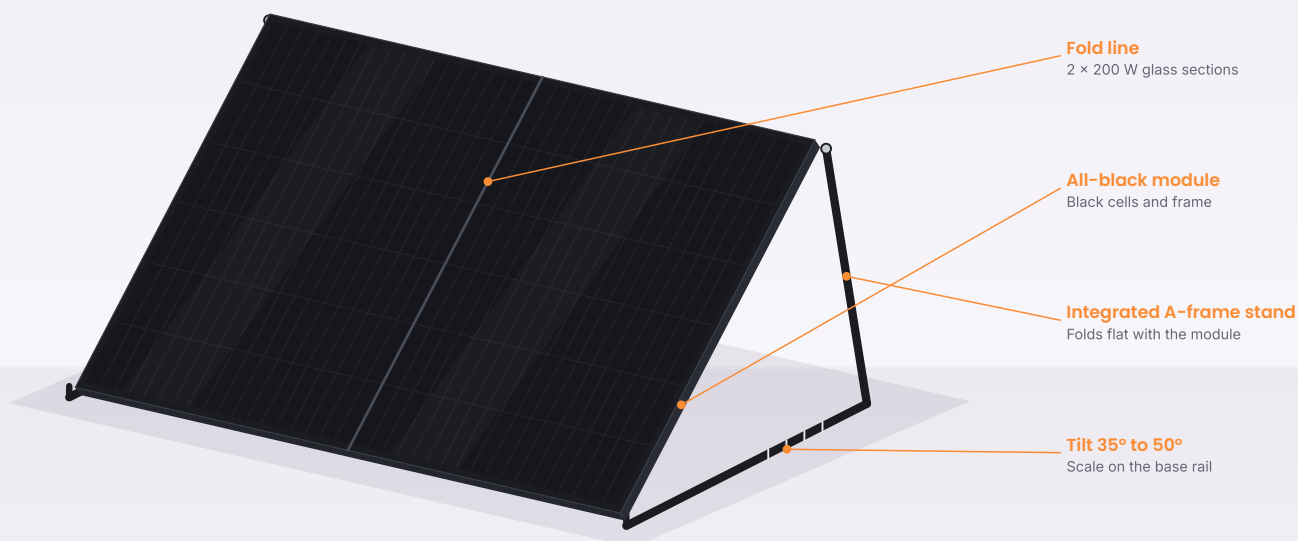


Illustration based on the production sample. VSK-800W includes two modules.

VaySunic SolarKit

All-black glass modules with a built-in stand, shipped folded.

VSK-800W / 2 × 400 W Foldable Glass Modules

Unfold. Plug In. Generate.

800 W

Solar power (2 × 400 W)

21.8%

Module efficiency

-43%

Shipping footprint, folded¹

35–50°

Adjustable tilt

TÜV • CE • UKCA

Certified PV module



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.



Plug & Play Installation

Plug into a household socket and generate power in minutes.



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.

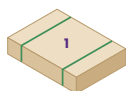


Smart Zero Injection Ready

Add the optional smart meter to keep grid export at zero.

One Kit, Two Packages

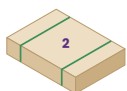
VSK-800W ships as two crates of the same size



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
UK 3-pin 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.

¹ Crate footprint 1210 × 870 mm (1.05 m²) against the unfolded module area 1640 × 1134 mm (1.86 m²).

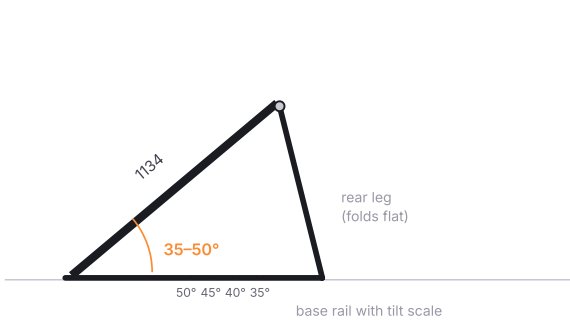
Product Model	VSK-800W
Solar Power, Nominal (W)	800 (2 × 400)
Solar Module Data (STC ¹)	
Module Type	Rigid glass, foldable (2 × 200 W sections), all-black, aluminium frame
Rated Power, Pmax (W)	400
Rated Voltage, Vmp (V)	44.64
Rated Current, Imp (A)	8.97
Open-Circuit Voltage, Voc (V)	51.84
Short-Circuit 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
Nominal Output Voltage (V)	220, 230, 240 (185–253)
Nominal Frequency (Hz) / Phases	50 / 60 · 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 on the A-frame stand, or hung on a balcony railing with the same stand
Array Surface Area (m²)	3.72
Production Estimates (kWh / year) ³	
At 1100 kWh/m² GHI per year	748
At 1460 kWh/m² GHI per year	993
At 1825 kWh/m² GHI per year	1,241
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, UK 3-pin plug to microinverter AC connector
Mounting Accessories	2 × railing hooks, cable ties

Certifications and Standards

PV Module	TÜV SAAR · CE · UKCA
Microinverter	EN/IEC 62109-1/-2 · EN/IEC 61000-6-1/-2/-3/-4 · EN IEC 62311:2020 · EN 50665:2017 · EN 50549-1:2019 · EN 50549-10:2022 · EN 300 328 · EN 301 489-1/-17 · VDE-AR-N 4105:2018 (DE) · CEI 0-21:2022-03/V1:2022-11 (IT) · G98/1-7:2022 (UK)

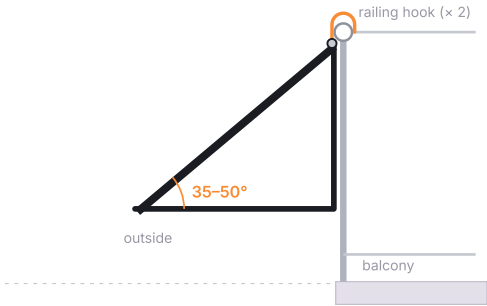
1 Standard test conditions: AM 1.5, irradiance 1000 W/m², cell temperature 25 °C.
2 Module Voc 51.84 V at STC. Check Voc at the lowest site temperature against the 63 V input limit.
3 DC power × annual peak sun hours × 85% system derating. GHI = global horizontal irradiance. Actual yield depends on location, orientation and shading.
* 1000 VA microinverter and 120 / 240 V UL versions available on request.

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



Free-Standing

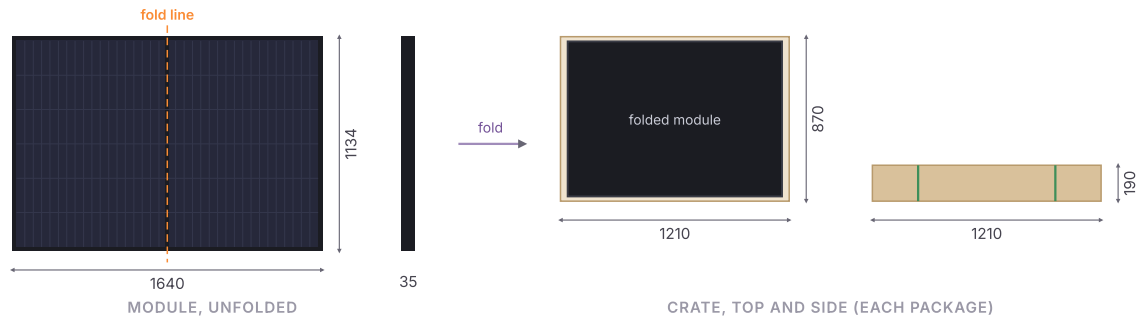
Balcony floor, terrace, garden or flat roof. Set the tilt from 35° to 50° on the scale of the base rail.



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.

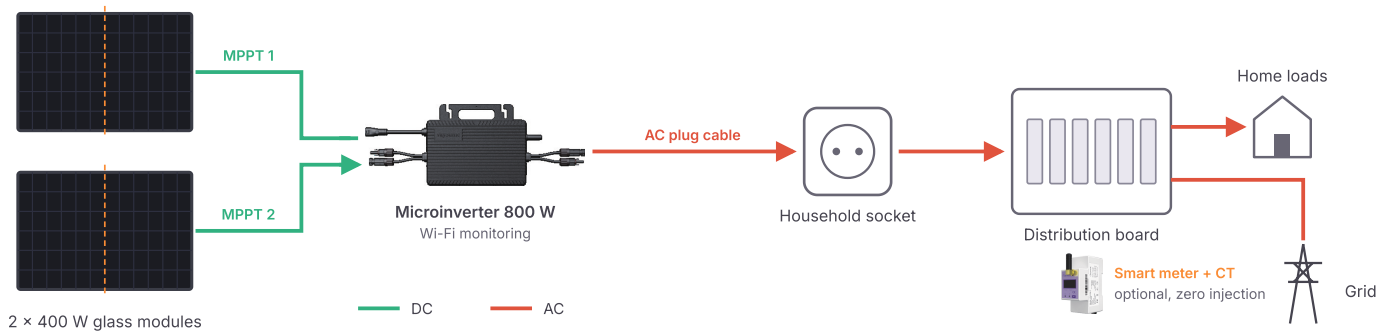
Dimensions Dimensions in mm



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	

System Overview



Installation must follow local rules for plug-in solar devices, including output limits and registration where required. Check that the railing can carry the modules and wind load.