

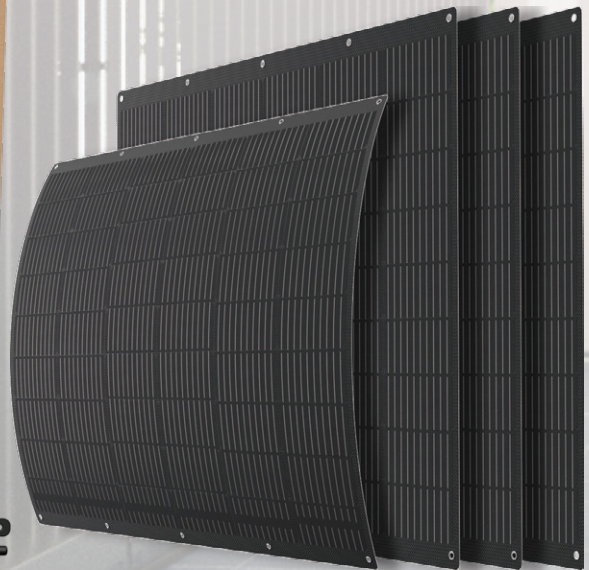
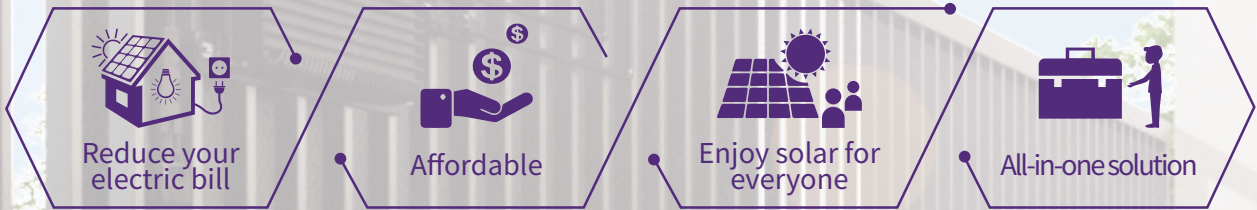
Solar Kits VFSK

VaySunic Flexible Solar Kits



VaySunic launched VFSK (VaySunic Flexible Solar Kits) series Solar On-Grid Kits for residential PV systems. It is a “Plug-and-play design” composed of flexible solar panel + microinverter, which can be installed by yourself.

VFSK is even smaller in size and you can put it in the car for easier transportation.



Power Cord
Plug and play cable

PV Connect Cable
MC4 Extension Cable

Accessories
Tie



Residential On-Grid PV Kits

VFSK SERIES

| SYSTEM SIZE | | |
|---|---|-----------|
| PRODUCT MODEL | | VFSK-800W |
| PV System Size Nominal (Wp) | 800W | |
| PV MODULE SPECIFICATION | | |
| Panel Model | VF200W(BK) | |
| Power (W) | 200 | |
| Vmp (V) | 15.42 | |
| Voc (V) | 18.71 | |
| Isc (A) | 13.45 | |
| Imp (A) | 13.01 | |
| Dimensions (L x W x H)(mm) | 1140 × 915 × 3 | |
| PV module weight (kg) | 3.4 | |
| Output cables | 4mm ² -50cm cables + mc4 | |
| Operating Temperature | -40°C...+85°C | |
| MICROINVERTER SPECIFICATIONS | | |
| Inverter Size (w) | 800 | |
| Max DC Power (W) | 870 | |
| Max DC Voltage (V) | 63 | |
| MPPT Voltage range (V) | 14-63 | |
| No.of MPPT'S | 2 | |
| Max AC Power (VA) | 800 | 1000 |
| Max Output Current (A) | 3.48 | 4.50 |
| AC Nom.Voltage/Voltage Range (V) | 230/180 ~ 275 | |
| AC Grid Frequency range (Hz) | 50/45 - 55 | |
| Number of phases | 1 | |
| Dimensions (L x W x H)(mm) | 361 × 222 × 36 | |
| Inverter weight (kg) | 3.26 | |
| Compliance | IEC/EN 62109-1,IEC/EN 62109-2,IEC/EN 61000-6-1/-2/-3/-4,EN50549-1: 2019,VDE-AR-N 4105: 2018,CEIO-21 | |
| * 12/240VUL inverters also available upon request | | |
| SYSTEM LAYOUT | | |
| # of Modules | 4 | |
| # of inverters | 1 | |
| # of inputs | 2 | |
| PV Layout options | Landscape or Portrait | |
| PV Array Surface Area (m ²) | 4.17 | |
| PV Array Weight (kg) | 13.6 | |
| PRODUCTION ESTIMATES (KWh) | | |
| *Projected yearly output at 1100GHI/year | 1647 | 2059 |
| *Projected yearly output at 1460GHI/year | 2186 | 2733 |
| *Projected yearly output at 1825GHI/year | 2733 | 3417 |
| *Based on 0.85% system derating(formula=DC Power x peak sunshine hour/year x derate factor)(GHI=Global horizontal irradiance) | | |
| SYSTEM OPTIONS | | |
| Communication | WIFI(WE-P1) / Sub-1G(BE-P1) | |
| Battery Bank | Optional | |
| Packing Configuration | | |
| Weight (kg) | 23.5 | |
| Dimensions (L x W x H)(mm) | 1180 × 950 × 100mm | |
| Container | 20'GP | 40'GP |
| Pieces/Pallet | 1180 × 1100 + 1180 × 900 | |
| Pallets per Container | 16 + 2 | 36 + 2 |
| Pieces per Container | 184 | 468 |
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