

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.



Reduce your electric bill



Low transportation cost



Enjoy solar for everyone



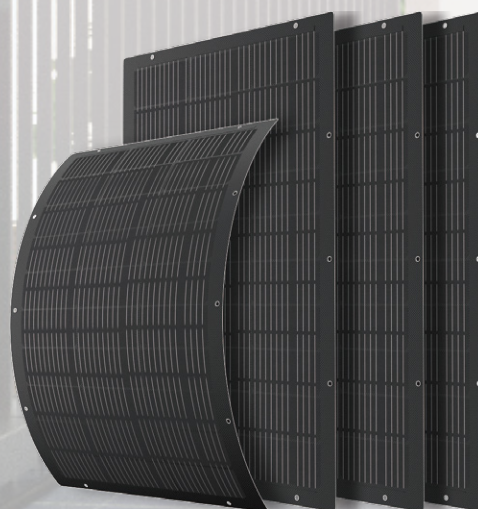
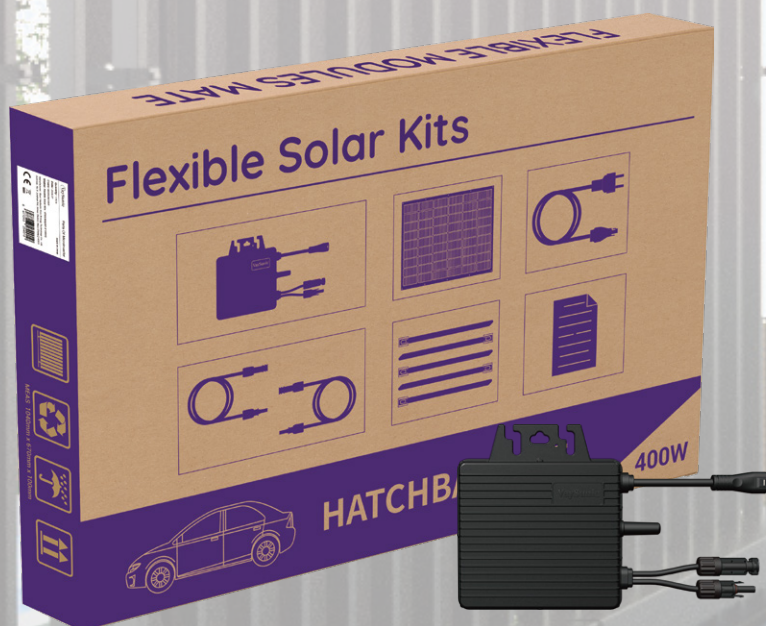
All-in-one solution



Microinverter



PV Module



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-400W
PV System Size Nominal (Wp)		400W
PV MODULE SPECIFICATION		
Panel Model		VF100W(BK)
Power (W)		100
Vmp (V)		16.41
Voc (V)		20.04
Isc (A)		6.39
Imp (A)		6.17
Dimensions (L x W x H) (mm)		1000 × 630 × 3
PV module weight (kg)		2.2
Output cables		4mm ² -50cm cables + mc4
Operating Temperature (°C)		-40 to +85
MICROINVERTER SPECIFICATIONS		
Inverter Size (w)		400
Max. DC Power (W)		430
Max. DC Voltage (V)		63
MPPT Voltage range (V)		16-60
No.of MPPT'S		1
Max AC Power (VA)	400	450
Max Output Current (A)	1.92	2.18
AC Nom.Voltage/Voltage Range (V)		230/180 ~ 275
AC Grid Frequency range (Hz)		50/45 - 55
Number of phases		1
Dimensions (W x H x D) (mm)		181 × 203 × 32
Inverter weight (kg)		1.75
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,CEI0-21		
* 12/240VUL inverters also available upon request		
SYSTEM LAYOUT		
# of Modules		4
# of inverters		1
# of inputs		1
PV Layout options		Landscape or Portrait
PV Array Surface Area (m ²)		2.52
PV Array Weight (kg)		8.8
PRODUCTION ESTIMATES (KWh)		
*Projected yearly output at 1100GHI/year	374	421
*Projected yearly output at 1460GHI/year	496	558
*Projected yearly output at 1825GHI/year	621	698
*Based on 85% system derating(formula=DC Power x peak sunshine hour/year x derate factor)(GHI=Global horizontal irradiance)		
SYSTEM OPTIONS		
Communication		WIFI
Battery Bank		Optional
Packing Configuration		
Weight (kg)		16.5
Dimensions (L x W x H) (mm)		1040 × 670 × 100
Container	20'GP	40'HQ
Pieces/Pallet		1050 * 1100 + 1050 * 680
Pallets per Container	20	60
Pieces per Container	270	660