

SUNFLEX Flexible solar Kit

Plug & Play Flexible installation



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.

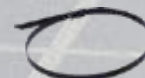
even smaller in size and you can put it in the car for easier transportation.



Power Cord
Plug and play cable

PV Connect Cable
MC4 Extension Cable

Accessories
Tie



www.sunergsolar.com

Residential On-Grid PV Kits

SYSTEM SIZE					
PRODUCT MODEL		SUN-VFSK-400W		SUN-VFSK-800W	
PV System Size Nominal (Wp)		400W		800W	
PV MODULE SPECIFICATION					
Panel Model		VF100W(BK)		VF200W(BK)	
Power (W)		100		200	
Vmp (V)		16.41		15.42	
Voc (V)		20.04		18.71	
Isc (A)		6.39		13.45	
Imp (A)		6.17		13.01	
Dimensions (L x W x H)(mm)		1000 × 630 × 3		1140 × 915 × 3	
PV module weight (kg)		2.2		3.4	
Output cables		4mm ² -50cm cables + mc4		4mm ² -50cm cables + mc4	
Operating Temperature		-40 °C ~ 85 °C		-40 °C ~ 85 °C	
MICROINVERTER SPECIFICATIONS					
Inverter Size (w)		400		800	
Max DC Power (W)		430		870	
Max DC Voltage (V)		63		63	
MPPT Voltage range (V)		14-63		14-63	
No.of MPPT'S		1		2	
Max AC Power (VA)		400	450	800	1000
Max Output Current (A)		1.74	1.96	3.48	4.50
AC Nom.Voltage/Voltage Range (V)		230/180 ~ 275		230/180 ~ 275	
AC Grid Frequency range (Hz)		50/45 - 55		50/45 - 55	
Number of phases		1		1	
Dimensions (L x W x H)(mm)		181 × 203 × 31		274 × 222 × 36.5	
Inverter weight (kg)		1.75		3.22	
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		4	
# of inverters		1		1	
# of inputs		2		2	
PV Layout options		Landscape or Portrait		Landscape or Portrait	
PV Array Surface Area (m²)		2.52		4.17	
PV Array Weight (kg)		8.8		13.6	
Packing Configuration					
Weight (kg)		16.5		23.5	
Dimensions (L x W x H)(mm)		1040× 670× 100mm		1180 × 950 × 100mm	
PiecesPallet				14 pz	17 pz
Pallet Dimension		1050 × 1110 + 1050 X 680		1190 x 1100 x 1070	1190 x 1100 x 1370
Container		20'GP	40'GP	20'GP	40'GP
Pallets per Container		20	60	16 + 4	40
Pieces per Container		270	660	212	500