

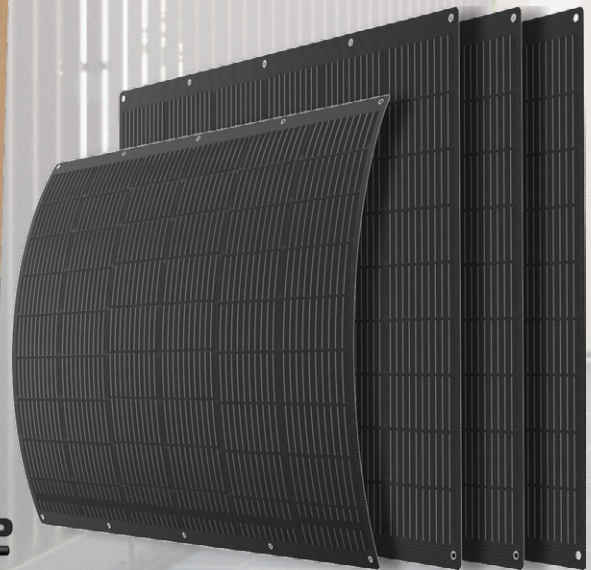
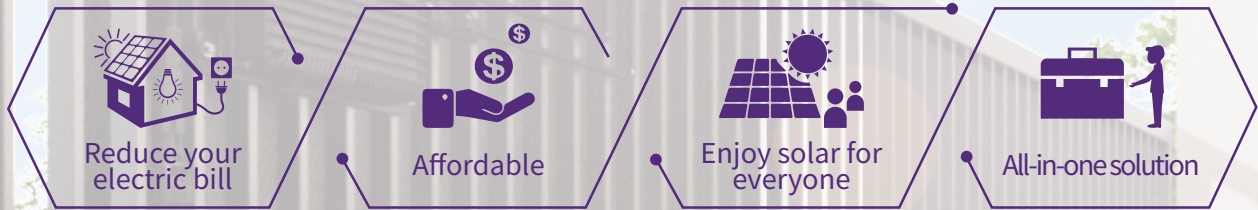
Solar Kits FSK

Flexible Solar Kits



FSK (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.

FSK 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

FSK SERIES

SYSTEM SIZE			
PRODUCT MODEL		FSK-800W	
PV System Size Nominal (Wp)		800W	
PV MODULE SPECIFICATION			
Panel Model		F200W(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 Freque ncy 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,CEI0-21	
* 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 (m²)		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 deraling(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