ENVERTECH

ENVERTECH Easy Solar Kit

A complete solar kit featuring PV modules, microinverter, and mounting brackets

EV-SK-400 / EV-SK-800



- Complete Solar Kit
- High-Efficiency All-Black Dual-Glass Solar Panels
- Smart Monitoring
- Easy Installation
- Versatile Mounting & Adjustable Tilt

ENVERTECH
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	EV-SK-400	EV-SK-800
PV Module Parameter		
Maximum Power (Pmax/W)	455	455*2
Module Efficiency (STC)	22.77%	
Temperature Coefficient of Pmax (γPmp)	-0.29%/℃	
Color	All Black	
AC Output Parameter		
Normal Voltage (Vac)	220V/230V	
Voltage Range (Vac)	189–260V	
Current (Max. continuous) (A)	1.81A	3.48A
Frequency (Hz)	50Hz/60Hz	
Frequency Range (Hz)	47.5–52.5Hz / 57.5–62.5Hz	
Power (Max. continuous) (W)	400W	800W
Power Factor / Rated (default)	±0.90	
Certification		
Solar Module	IEC 61215/IEC 61730/CE / IS0 45001 2018 IS0 14001 2015 / ISO9001 2015	
Microinverter	LVD 2014/35/EU, EMC 2014/30/EU, RED 2014/53/EU, ROHS, WEEE, REACH, EN 50549-1:2019,EN 50549-10:2022, IEC 62116&IEC 61727, VDE-AR-N 4105, VFR 2019, UTE C15-712-1, DIN VDE V 0126-1-1, C10/11, TOR, CEI 0-21, NC-RfG, NA/EEA-NE7 – CH 2020, NTS, PPDS:2018(for EVT800), G98 Issue 2 Amendment 1: 2026	
Bracket	ZA.3.2, ZA.3.4 according to EN 1090-1:2009+A1:2011/EUP-WQ020	
Environmental Parameter		
Ingress Protection (IP)	IP67	
Module Efficiency (STC)	-40℃ to +65℃	
Relative Humidity	0% - 98%	
Mechanical Parameter		
Weight (kg)	≈31	≈62
Package Dimensions (W×H×D mm)	1814*1188*60mm	1814*1188*85mm
Warranty	10 years	

(1) The solar module's color, brand, and power rating can be customized, provided the module is compatible with the EVSK system.
(2) The system's output power can be limited to comply with local regulations.
(3) AC voltage, frequency range, and plug type may vary depending on the grid requirements of different countries.

Standard Configuration


All-Black Dual-Glass(455W)



Bracket


EVT400 EVT800


AC Cable (5m)

DC Cable (2m)

System Diagram

