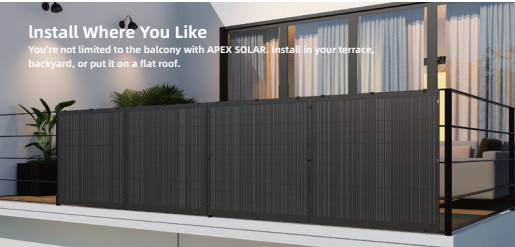




Flexible Balcony Solution



Introducing Apex Solar Power System

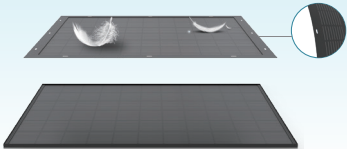


Install Where You Like

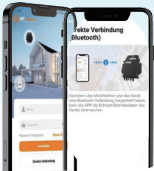
You're not limited to the balcony with APEX SOLAR. Install in your terrace, backyard, or put it on a flat roof.

Easy to install:

70% lighter



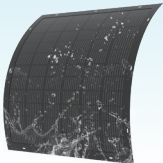
Control Power with the APsystems App



12 Year Guarantee



IP67 Protection class



No Installation request required

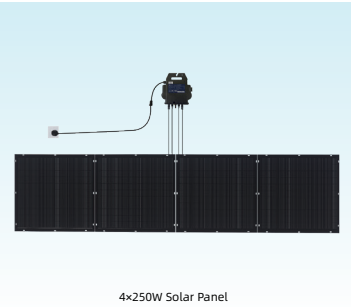


23% high solar conversion rate

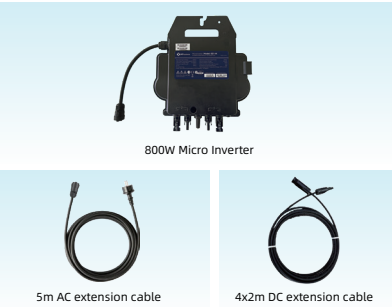
Our advanced, flexible solar panels with a conversion efficiency of 23% generate an average of 3 kWh/day. They offer a simple, stylish solution for the efficient production of green energy.



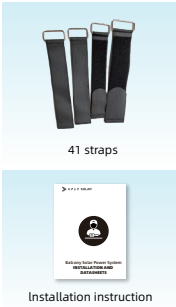
What's In The Box



4x250W Solar Panel



800W Micro Inverter



41 straps



5m AC extension cable



4x2m DC extension cable

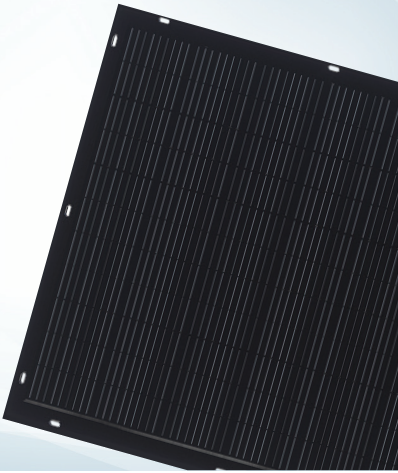


Installation instruction

APEX-FLEX-240-260W

Flexible Solar Panel

240-260W >>



First-Class 17.95% Conversion
Easy installation

65%
Lighter than
regular components

Smooth Black
Surface

Electrical Performance Parameter (STC)

Parameter Name	APEX-FLEX-240	APEX-FLEX-245	APEX-FLEX-250	APEX-FLEX-255	APEX-FLEX-260
Maximum power (Pm)	240W	245W	250W	255W	260W
Power Tolerance	0~+5w	0~+5w	0~+5w	0~+5w	0~+5w
Maximum Power Voltage(Vmp)	18.5V	18.8V	19.2V	19.4V	19.7V
Maximum Power Current(Imp)	13.00A	13.02A	13.06A	13.14A	13.20A
Open-circuit voltage (Voc)	22.3V	22.7V	23.2V	23.7V	23.9V
Short-circuit current (Isc)	13.61A	13.65A	13.70A	13.70A	13.78A
Module Efficiency(%)	17.24%	17.60%	18.00%	18.32%	18.68%
STC:Irradiance 100w/m2 , module temperature 25℃ ,AM=1.5					

Mechanical

Cell array	72 (12*2*3)	Back board colour	White PV Backsheet
Size	1200mm(L)*1160 mm(W)	Terminal block	Protection grade IP67
Size of 46-piece box	1200*W:1160*H:17 mm	Cable	4mm ²
Front film	Lightweight high transparent polymer materials	Diode	2
Connector	(+)/(-)300 mm	Weight	4.9KG

Temperature coefficient

Battery nominal operating temperature	41±2℃
Current temperature coefficient (Isc)	+0.020%/℃
Voltage temperature coefficient	-0.28%/℃
Power factor (Pm)	-0.38%/℃

Working conditions

Maximum System Voltage	600VDC
Maximum Series Fuse Rating	20A
Operating Temperature	-40~+85℃
Connector	MC4 compatible

Microinverter-EZ1-M

Microinverter

800W >>

Upgrade Over the Air



Datasheet | EZ1 Microinverter Series

Model	EZ1-S		EZ1-M	
Region	EMEA			
Input Data (DC)				
Recommended PV Module Power (STC) Range	255Wp-550Wp+		300Wp-730Wp+	
Peak Power Tracking Voltage	28V-45V			
Operating Voltage Range	16V-60V			
Maximum Input Voltage	60V			
Maximum Input Current	18A x 2		20A x 2	
Isc PV	22.5A x 2		25A x 2	
Output Data (AC)				
Maximum Continuous Output Power	600VA		600VA ⁽³⁾ /799VA	
Nominal Output Voltage/Range ⁽¹⁾	230V/184V-253V			
Nominal Output Current	2.6A		2.6A ⁽³⁾ /3.5A	
Nominal Output Frequency/ Range ⁽¹⁾	50Hz/48Hz-51Hz			
Default Power Factor	0.99			
Efficiency				
Peak Efficiency	97.3%			
Nominal MPPT Efficiency	99.5%			
Night Power Consumption	20mW			
Mechanical Data				
Operating Ambient Temperature Range ⁽²⁾	- 40 °C to + 65 °C			
Storage Temperature Range	- 40 °C to + 85 °C			
Dimensions (W x H x D)	263mm x 218mm x 36.5mm			
Weight	2.8kg			
DC Connector Type	Stäubli MC4 PV-ADBP4-S2&ADSP4-S2			
Cooling	Natural Convection - No Fans			
Enclosure Environmental Rating	IP67			
Power Cord (Optional)				
Wire Size	1.5mm ²			
Cable Length	5M as default			
Plug Type	Schuko			
Features				
Communication	Built-in Wi-Fi and Bluetooth			
Maximum Units Can Be Connected ⁽⁴⁾	2			
Isolation Design	High Frequency Transformers, Galvanically Isolated			
Energy Management	AP EasyPower APP			
Warranty	12 Years Standard			
Compliances				
Safety, EMC & Grid Compliances	EN 62109-1/-2; EN 61000-1/-2/-3/-4; EN 50549-1; DIN V VDE V 0126-1-1; VFR; UTE C15-712-1; CEI 0-21; UNE 217002; NTS; RD647; VDE-AR-N 4105			





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