

# Flexible Module-FeiYan

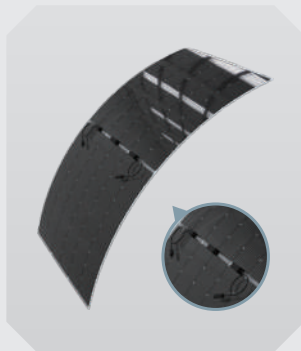
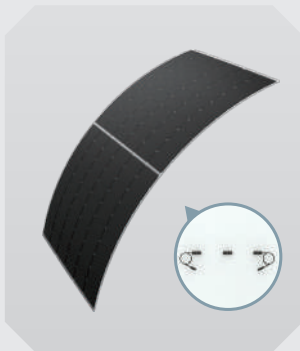
## CEC6-60MHF

**420~435W**  
POWER OUTPUT RANGE

**19.0%~19.7%**  
MODULE EFFICIENCY

### PRODUCT CHARACTERISTICS

- ◆ **Super Light:** by optimizing the material design, eliminating the glass and frame, the total weight of module is only **6KG**, **70%** lighter than the normal glass module
- ◆ **Super Soft:** using high polymer flexible materials, improving flexibility of module, The maximum bending radius is **0.45m**
- ◆ **Convenient:** through high-reliability structural adhesive/tape installation scheme, eliminating the traditional mounting system, saving **40%** on installation costs
- ◆ **Safe:** no drilling for installation, more friendly to the roof
- ◆ **Guaranteed output:** 0~+5W
- ◆ **Variety:** Bright/dumb, positive/negative junction box can be customized



### LINEAR WARRANTY AND CERTIFICATION



1st year Power output not less than 97%



Power output not less than 89.3% within 12 years

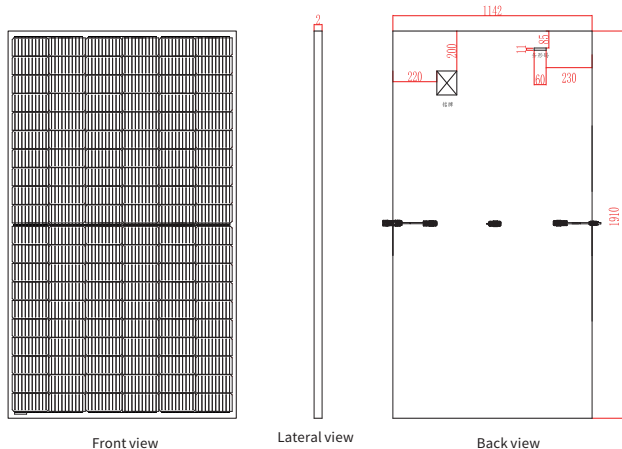


Power output not less than 80.2% within 25 years

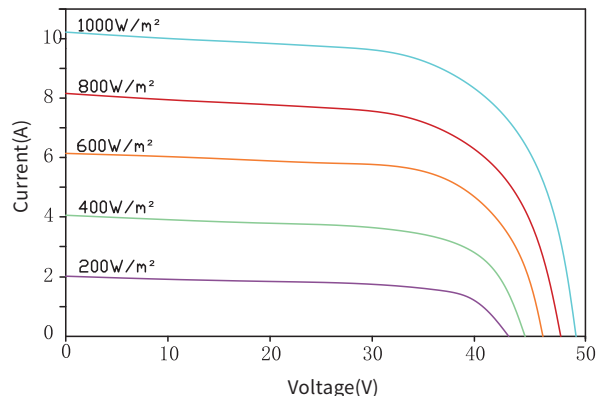


Warranty for product materials and processes within 10 years

## Assembly Drawing



## I-V Curve (430W)



## Mechanical Characteristics

Cell type	182×91mm monocrystalline silicon solar cells, 120cells (6×20)
Positive material	High light transmittance polymer composites
Junction Box	IP Grade: IP68

## Temperature Rating

Nominal Module Operating Temperature (NMOT)	42°C ± 2°C
Maximum Power (Pmax) Temperature Coefficient (δ (%/°C))	-0.38
Open-circuit voltage (Voc) Temperature coefficient (β (%/°C))	-0.28
Short circuit current (Isc) Temperature coefficient (α (%/°C))	0.02

## Parameters of Module

Electrical parameters (Standard test condition)	CEC6-60-420MHF	CEC6-60-425MHF	CEC6-60-430MHF	CEC6-60-435MHF
Maximum power-Pmax(Wp)	420	425	430	435
Maximum operating voltage -Vmp(V)	33.18	33.39	33.61	33.80
Maximum operating current -Imp(A)	12.66	12.73	12.80	12.87
Open-circuit voltage -Voc(V)	40.39	40.58	40.79	41.01
Short-circuit current-Isc(A)	13.06	13.18	13.27	13.38
Maximum system voltage -Vdc(V)	1500	1500	1500	1500
Module efficiency(%)	19.0%	19.2%	19.4%	19.7
Power tolerance(W)	0/ + 5W	0/ + 5W	0/ + 5W	0/ + 5W

Measured values under STC (temperature 25°C, air quality AM1.5, irradiance 1000W/m<sup>2</sup>)

## Limit Parameters

Operating temperature	-40°C to +85°C
Maximum fuse current rating	25A

## Physical Parameter

Dimension	1938*1142*2mm ( Front Junction Box)
	1910*1142*2mm ( Back Junction Box)
Cable Length	250mm;Customizable
Weight	6Kg

## Mode of Packing

40'HQ Container	Pieces per pallet	68pcs/pallet
	pallets per container	10 pallets/40'HQ
	Pieces per container	680pcs/40'HQ



Make Power Generation More Green

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