

Flexible Module-Flying Swallow

CEC6-72MHF

415~430W
POWER OUTPUT RANGE

18.7%~19.4%
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

LINEAR WARRANTY AND CERTIFICATION



1st year Power output not less than 97%



Power output not less than 89.3% within 12 years

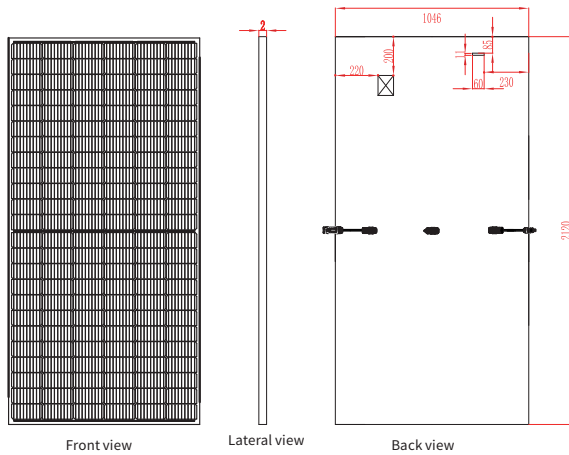


Power output not less than 80.2% within 25 years

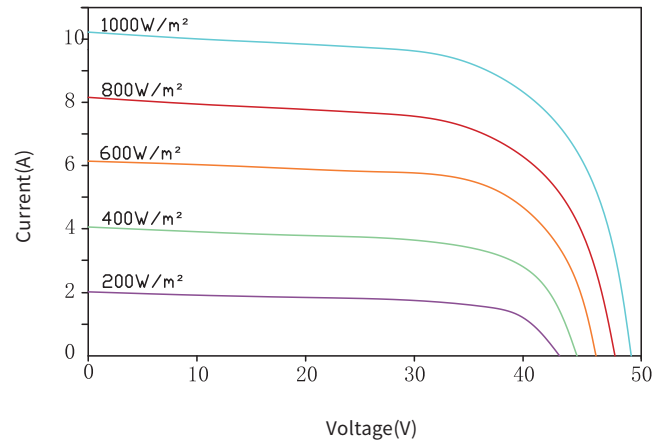


Warranty for product materials and processes within 10 years

Assembly Drawing



I-V Curve (430W)



Mechanical Characteristics

Cell type	166×83mm monocrystalline silicon solar cells, a group of 144cells (6×24)
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

Limit Parameters

Operating temperature	-40°C to +85°C
Maximum fuse current rating	20A

Physical Parameter

Dimension	2120*1046*2mm
Cable Length	250mm; Customizable
Weight	6Kg

Mode of Packing

40HC	Pieces per case	44 pcs/case
	Pieces per container	880 pcs/40HC

Parameters of Module

Electrical parameters (Standard test condition)	CEC6-72-415MHF	CEC6-72-420MHF	CEC6-72-425MHF	CEC6-72-430MHF
Maximum power-Pmax(Wp)	415	420	425	430
Maximum operating voltage -Vmp(V)	41.13	41.18	41.22	41.27
Maximum operating current -Imp(A)	10.09	10.20	10.31	10.42
Open-circuit voltage -Voc(V)	49.61	49.67	49.73	49.79
Short-circuit current -Isc(A)	10.61	10.71	10.81	10.91
Maximum system voltage -Vdc(V)	1000	1000	1000	1000
Module efficiency(%)	18.7%	18.9%	19.2%	19.4%
Power tolerance(W)	0/ + 5W	0/ + 5W	0/ + 5W	0/ + 5W

Measured values under STC (temperature 25°C, air quality AM1.5, irradiance 1000W/m²)



Make Power Genration More Green

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