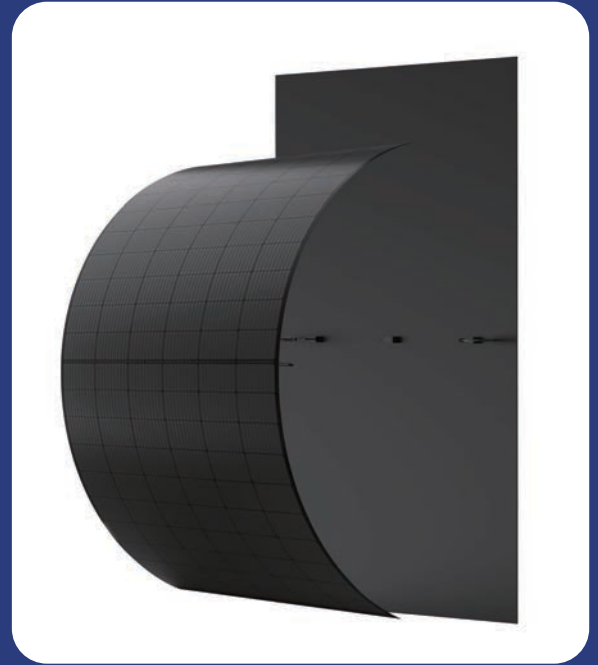


# Lightweight flexible series

Greatly reduce the weight of the product and reduce installation costs

# 425W



## • Main Features

- Lightweight, ultra-high flexibility, easy installation
- Fitting loss reduction for higher power
- Competitive Low Light Performance
- Reduces power loss by minimizing the effects of shadow occlusion
- Through strict weather resistance test, it proves its superior and reliable performance:
  - Dust, acid and alkali resistance, salt spray resistance
  - Anti-PID
  - Anti-hail impact

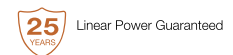
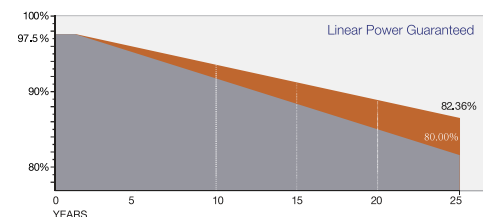
## • Quality System

ISO9001  
ISO14001  
ISO45001

## • Product Certificate

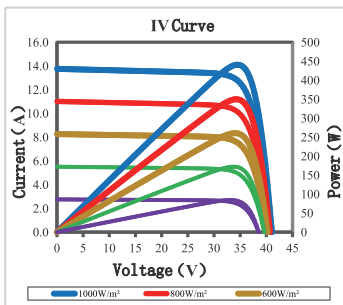
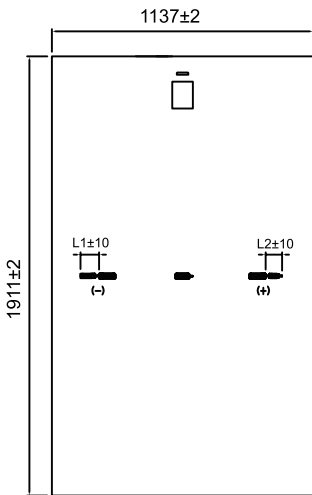
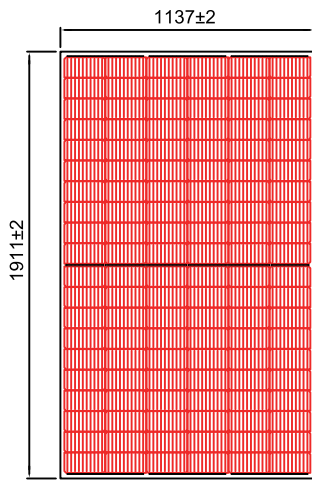


## • Product Guarantee



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Web / [www.ericcity.com](http://www.ericcity.com)

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## Electrical Performance Parameters

Specification	ER425FSP-1	
	STC	NOCT
Nominal Power ( $P_{mp}$ )	425W	316W
Voc ( $V_{oc}$ )	40.58V	38.46V
Isc ( $I_{sc}$ )	13.55A	10.94A
Vmp ( $V_{mp}$ )	34.03V	32.25V
Imp ( $I_{mp}$ )	12.51A	9.8A
Efficiency ( $\eta_p$ )	19.6%	
Tolerance	0 ~ +5W	
Maximum system voltage	1500V DC	
Maximum rated fuse current	25A	

STC:AM=1.5, Irradiation:1000W/m<sup>2</sup>, Temperature:25°C  
NOCT: Irradiation:800W/m<sup>2</sup>, Temperature:20°C, Air Speed:1m/s

## Structural Properties

Dimension	1911mm*1137mm
Back board color	Black
Thickness	3.0mm
Weight	8.3kg
Solar cell	Mono/120 (6*20) 182*91mm
Junction box	IP68 standard (3 bypass diodes), MC4 compatible connector
Waterproof	IP67
Output conductor	4.0mm <sup>2</sup> (IEC) Length:(+)30cm,(-)30cm

## Temperature Property

Maximum power temperature coefficient	-0.35 %/°C
Open circuit voltage temperature coefficient	-0.26 %/°C
Short circuit current temperature coefficient	+0.047 %/°C
Operating temperature	-40 ~ +85 °C
Module Nominal Operating Temperature	45 ± 2 °C

## Packing

Container	Pcs/Box	No. of Box	Pcs of 40HQ Container
40HQ	68pcs	22	1496pcs

