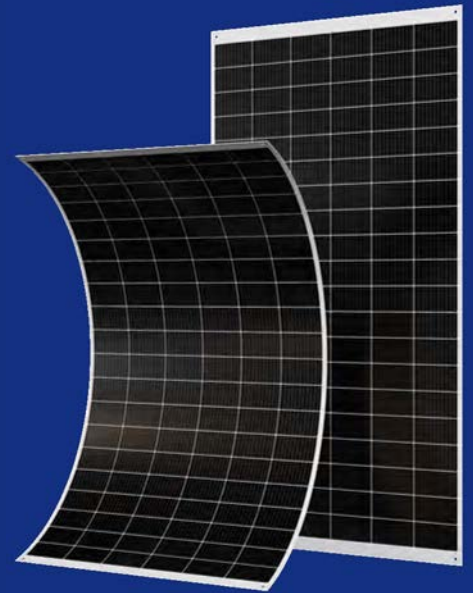


# Lightweight flexible series

Greatly reduce the weight of the product and reduce installation costs

# 360W-380W



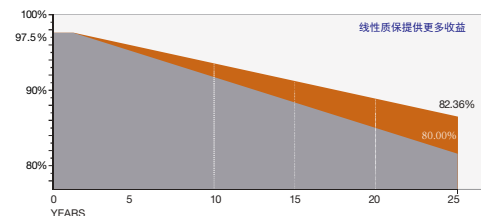
## • Main Features 主要特性

- Lightweight, ultra-high flexibility, easy installation  
轻质化、超高柔性、安装便捷
- Fitting loss reduction for higher power  
适配损失降低以获得更高的功率
- Competitive Low Light Performance  
具有竞争性的弱光性能
- Reduces power loss by minimizing the effects of shadow occlusion  
通过最小化阴影遮挡的影响减少功率损失
- Through strict weather resistance test, it proves its superior and reliable performance:  
通过严格的耐候性测试，证明其优越的可靠性能：
  - Dust, acid and alkali resistance, salt spray resistance  
沙尘、耐酸碱、耐盐雾
  - Anti-PID  
抗PID
  - Anti-hail impact  
抗冰雹冲击

## • Quality System 质量体系

ISO9001  
ISO14001  
ISO45001

## • Product Guarantee 产品保障



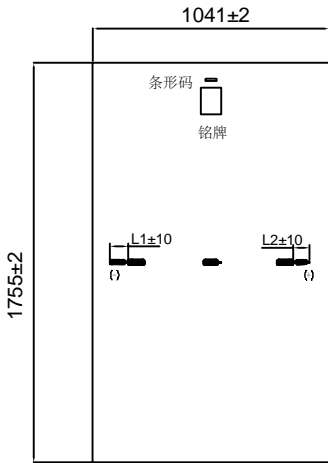
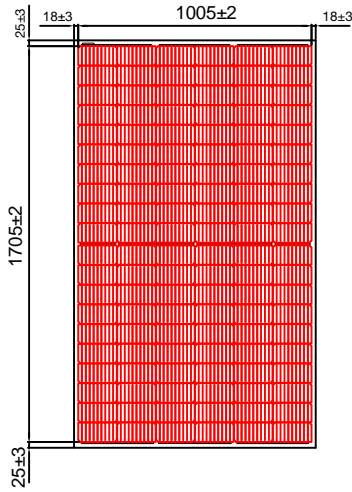
**12 YEARS** Product quality and process assurance  
产品质量与工艺保证

**25 YEARS** Linear Power Guaranteed  
线性功率保证



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## Electrical Performance Parameters

### 质量体系

组件型号	ER360FSP-1		ER365FSP-1		ER370FSP-1		ER375FSP-1		ER380FSP-1	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Nominal Power 额定功率 ( $P_{mp}$ )	360W	267W	365W	270W	370W	274W	375W	274W	380W	21W
Voc 开路电压 ( $V_{oc}$ )	41.11V	39.37V	41.22V	39.57V	41.35V	39.79V	41.40V	39.88V	41.66V	39.97V
Isc 短路电流 ( $I_{sc}$ )	11.18A	9.03A	11.28A	9.11A	11.37A	9.18A	11.49A	9.28A	11.2A	9.38A
Vmp 峰值电压 ( $V_{mp}$ )	34.72V	32.77V	34.94V	32.98V	34.12V	33.19V	35.21V	33.29V	35.65V	33.41V
Imp 峰值电流 ( $I_{mp}$ )	10.37A	8.15A	10.45A	8.19A	10.53A	8.25A	10.65A	8.35A	10.66A	8.41A
Efficiency 组件效率 ( $\eta_m$ )	20.0%		21.3%		21.3%		21.9%		22.2%	
Tolerance 功率公差	0 ~ +5W									
Maximum system voltage 最高系统电压	1500V DC									
Maximum rated fuse current 最大额定熔丝电流	20A									

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

STC:光照1000W/m<sup>2</sup>组件温度25°C AM=1.5.  
NMOT:辐照度 800W/m<sup>2</sup>, 环境温度20°C, 风速 1m/s.

## Structural Properties

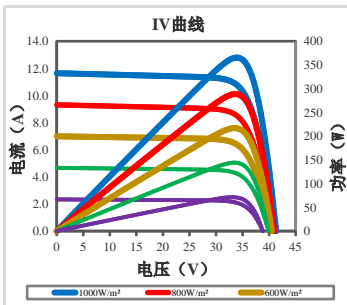
### 结构特性

Dimension 组件尺寸	1755mm*1041mm
Thickness 厚度	2.2mm
Weight 重量	5.0kg
Solar panel cell 电池片	Mono/120 (6*20) 166*83mm 单晶166*83mm, 120 (6*20)
Junction box 接线盒	MC4, 3*bypass diodes IP68标准 (3个旁路二极管), MC4兼容连接器
Waterproof 防水	IP67
Output conductor 输出导线	4.0mm <sup>2</sup> (IEC) Length:(+)30cm,(-)30cm 4.0mm <sup>2</sup> (IEC)导线长度: (+)300mm, (-)300mm, 导线长度可定制

## Temperature Characteristics

### 温度特性

Maximum power temperature coefficient 最高功率温度系数	-0.35%/°C
Open circuit voltage temperature coefficient 开路电压温度系数	-0.26%/°C
Short circuit current temperature coefficient 短路电流温度系数	+0.047%/°C
Operating temperature 工作温度	-40~+85°C
Module Nominal Operating Temperature (NMOT) 组件标称工作温度(NMOT)	45±2°C



## Packing

### 包装方式

Container 集装箱	Pcs/Box 片/箱	No. of Box 装箱数量	Pcs of 40HQ Container 片/车
40HQ	45pcs	24	1080pcs



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