



## Flex Series

ELF360~380M-126

### Mono PERC Flexible Module

#### Features



##### Light, Thin Design

1.4mm thickness, 4.6kg weight, leading level in PV industry



##### BIPV Application

Further integrate with buildings in terms of shape and installation for BIPV application



##### High Reliability

Conductive back sheet 2D encapsulation without soldering, resulted lower degradation under multiple extreme testing condition



##### Ultra Flexible

Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.25m



##### High Efficiency

Contact cell and modules with busbar-free design and higher efficiency



##### Lead Free

Eco-friendly PV design achieves Lead-free module without soldering materials

#### Reliable Quality & Certifications

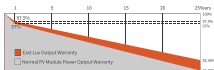
- ISO 9001:2008: Quality management systems
- ISO 14001:2004: Environmental management systems
- BS OHSAS 18001: 2007: Occupational health and safety management system
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupation Health Safety Management System



#### Linear Performance Warranty

12 years product warranty

25 years linear power warranty



⑧ 1st year degradation less than 2.5%,  
25 years power output 82.36% guaranteed.

# SPECIFICATIONS

## Module Type

	ELF360M-126		ELF365M-126		ELF370M-126		ELF375M-126		ELF380M-126	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Peak Power (Pmax)	360W	270W	365W	274W	370W	278W	375W	282W	380W	286W
Open Circuit Voltage (Voc)	42.4V	39.7V	42.6V	39.9V	42.8V	40.1V	43.0V	40.3V	43.2V	40.5V
Short circuit Current (Isc)	10.94A	8.84A	11.02A	8.91A	11.10A	8.98A	11.18A	9.05A	11.26A	9.12A
Peak Power Voltage (Vmpp)	34.7V	32.6V	34.9V	32.8V	35.1V	33.0V	35.3V	33.2V	35.5V	33.4V
Peak Power Current (Impp)	10.39A	8.29A	10.47A	8.36A	10.55A	8.43A	10.63A	8.50A	10.71A	8.57A
Component Efficiency (%)	18.9%		19.2%		19.4%		19.7%		20.0%	

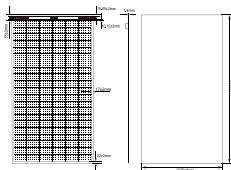
STC(Standard Testing Conditions): Irradiance 1000w/m, Cell Temperature 25°C, AM=1.5

NMOT(Nominal Module Operating Temperature): Irradiance 800w/m2, Ambient Temperature 20°C, Wind Speed 1m/s

## Temperature Characteristics

Nominal Module Operating Temperature	43±2°C
Temperature coefficient of Pmax	-0.36%/°C
Temperature coefficient of Voc	-0.28%/°C
Temperature coefficient of Isc	0.06%/°C
Max. system voltage	DC1500V(IEC)
Max. series fuse rating	18A
Operating temperature range	-40°C~+85°C
Connector	MC4 Compatible

## Module Dimensions(mm)



Specifications in this datasheet are subject to change without prior notice.

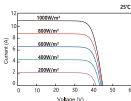
## Mechanical Data

Actual Module Dimension(LxW)	1840mmx1040mmx1.4mm
Weight	4.6kg/6.3kg
Back material	Back Sheet(white)
Cell Type	166mm(Half-cell) Mono
Cell Quantity	126(21x6)
Encapsulant	POE
Frame	None
Junction box(Protection degree)	IP68
Cable (length/cross-section area)	Customizable / 4mm <sup>2</sup>
Bending radius	0.29m / 0.31m

## I-V Curve

Current-Voltage Curve ( 375W )

Current ( A )



### STC

- Irradiance 1000W/m<sup>2</sup>
- Cell Temperature 25°C
- AM=1.5

### NMOT

- Irradiance 800W/m<sup>2</sup>
- Ambient Temperature 20°C
- Wind Speed 1m/s
- AM=1.5

## Packing Configuration

Modules per Pallet: 46pcs

Modules per 40' HQ Container: 1104pcs