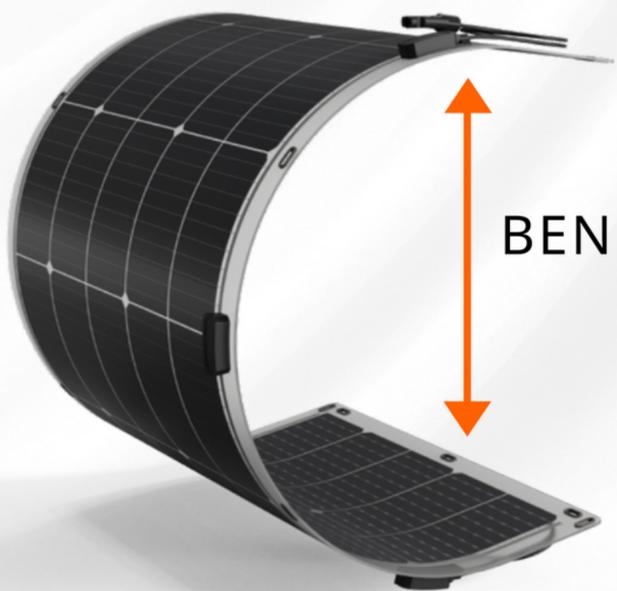


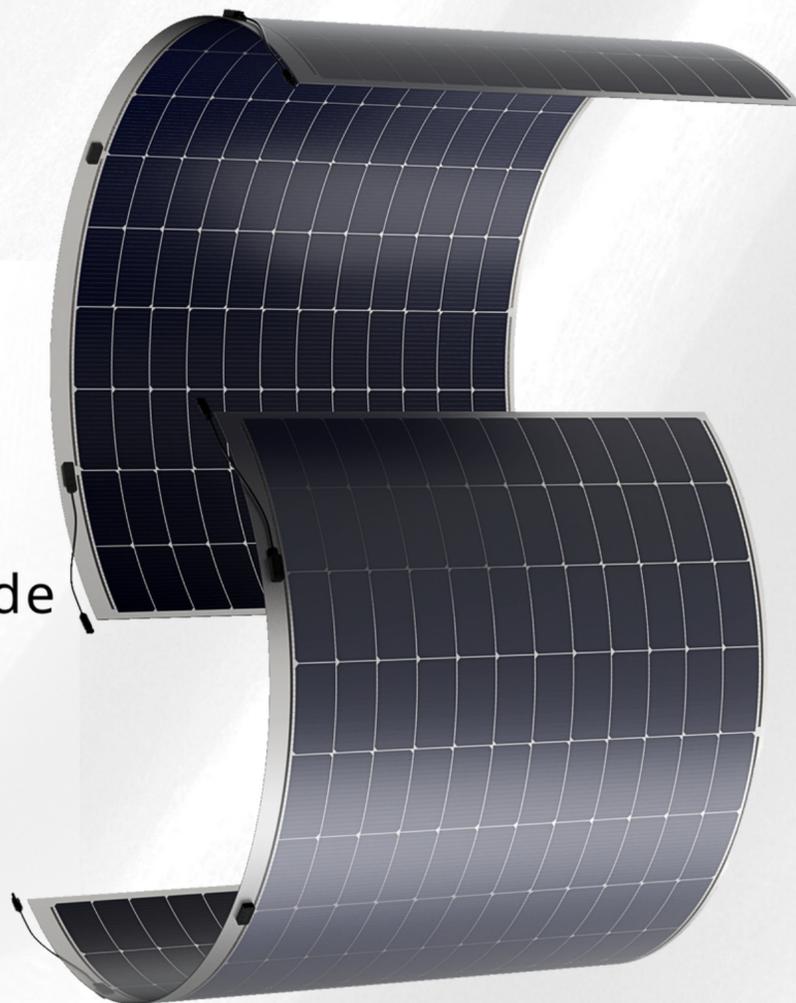


GOOGOL COMPANY  
長美能源股份有限公司

# LIGHT WEIGHT FLEXIBLE BIFACIAL SOLAR PANEL

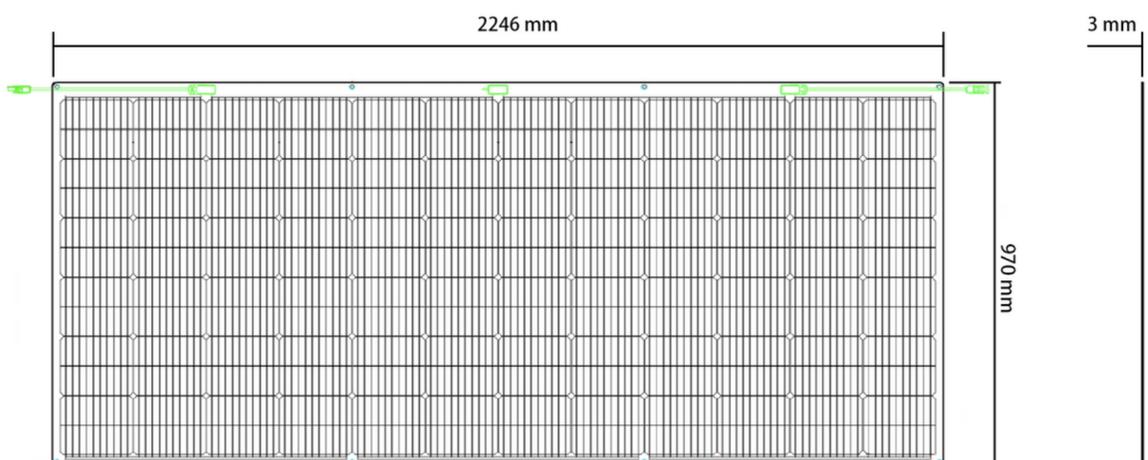


BENDABLE side-to-side  
34cm diameter



# 400W Specifications

# FEATURES

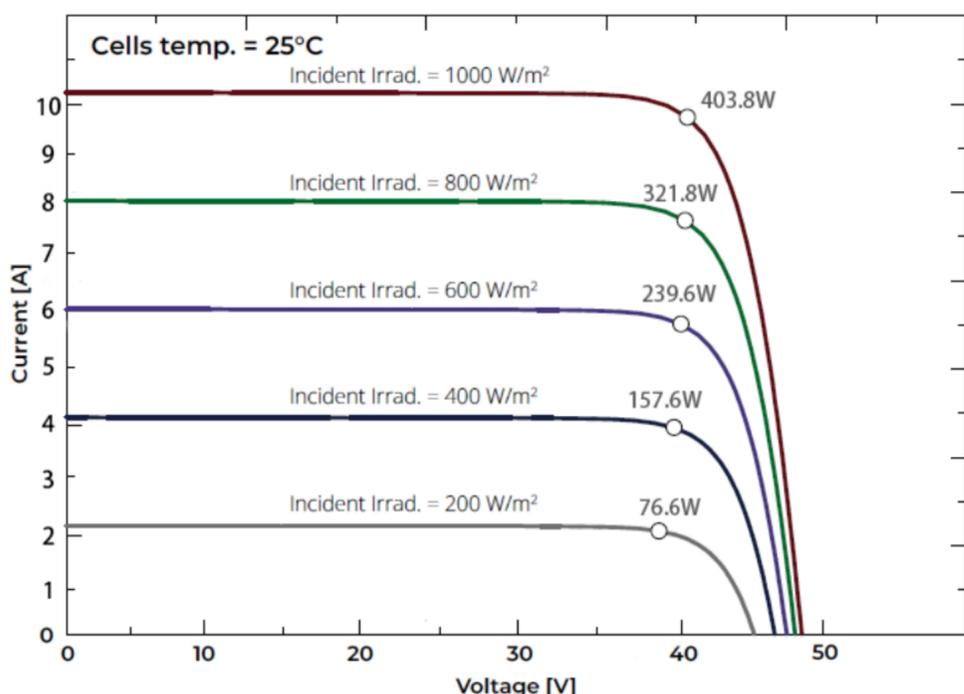


- 
**Light Weight, Thin Design**  
 6.5kg and 3mm thickness, match various requirements for weak roof projects.
- 
**Ultra Flexible**  
 Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.30m , fit all kinds of curved surface perfectly.
- 
**BI-FACIAL Flexible Tech**  
 Double-sided power generation efficiency and gain, offering energy conversion up to 22.8%.plus bifacial power output gain up to 24.6%
- 
**Customizable**  
 Customized design for different applications.
- 
**Convenient Installation**  
 Easy installation and convenient transportation with lower cost.

Module Type					
Maximum Power - Pmax(W)	100W	135W	200W	400W	530W
Maximum Power Voltage - Vmp(V)	17.25	22.8	34.5	41	41.76
Maximum Power Current - Imp(A)	5.8	5.92	5.8	9.75	12.7
Open Circuit Voltage - Voc(V)	20.38	27.36	41.23	48.38	48.82
Open Circuit Current - isc(A)	6.14	6.21	6.1	10.24	13.34
Power Tolerance	±5%				
Open Size	1142*522.5*3mm	990*774*3mm	1146*992*3mm	2246*970*3mm	2246*1197*3mm
KG	2.5	3	3.58	6.5	8.6
Type of Solar Cells	Mono-crystalline				
Operating Temperature	-40°C to +85°C				
Solar Cells Efficiency	24.70%				

TEMPERATURE CO-EFFICIENT Pmax : -0.39% / °C Voc : -0.33% / °C Isc : +0.06% / °C

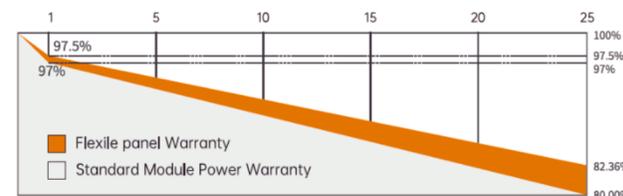
## CURVES



## REINSURANCE COVERAGE FOR 10 YEARS

**10** year  
Quality warranty

**25** year  
Performance Warranty



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

## COMPREHENSIVE QUALIFICATIONS & CERTIFICATIONS

★ ISO 9001: 2015 Quality Management System

★ ISO14001: 2015 Environment Management System

