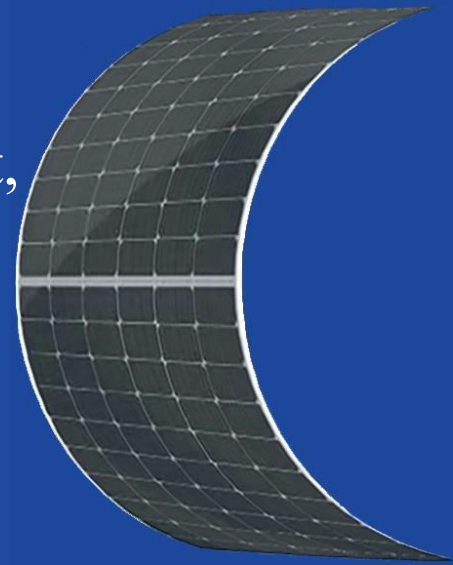


HG-L Lightweight & Flexible Series

Greatly decreased the product weight,
far less cost to install.

500W-530W



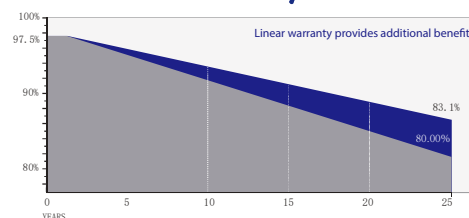
• Products Features

- Lightweight, Ultra-high flexibility, Easy to install.
- Reducing the adaptive loss to get higher power.
- Competitive weak light tolerance performance.
- Minimizing the shading affection to reduce power loss.
- The superior reliability has been proven through rigorous weathering test:
 - Sand and dust resistance, acid and alkali-resistance, salt mist resistance
 - Anti- PID
 - Hail shock resistance

• Quality System

ISO9001
ISO14001
ISO45001

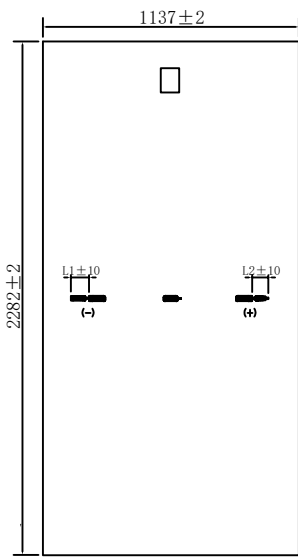
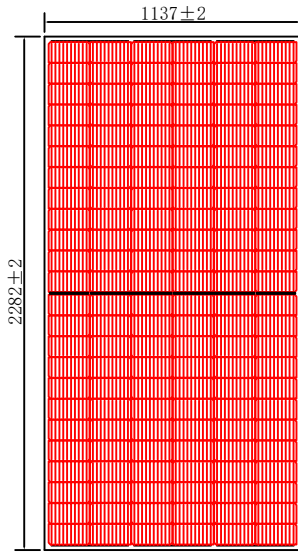
• Product Warranty



12 YEARS Quality and process performance Assurance

Address: No.633 Chengnan Avenue, Banqiao Industrial Park, Rongchang District, Chongqing, China

Website: www.hg-energy-group.cn



Electrical Parameters

Module Type	HG-L500-72CW		HG-L505-72CW		HG-L520-72CW		HG-L525-72CW		HG-L530-72CW	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (P_{max})	500W	372W	505W	376W	520W	387W	525W	391W	530W	394W
Open Circuit Voltage (V_{oc})	49.00V	45.78V	49.15V	45.92V	49.60V	46.35V	49.75V	46.49V	49.90V	46.63V
Short Circuit Current (I_{sc})	13.35A	10.77A	13.42A	10.83A	13.63A	11.00A	13.70A	11.06A	13.76A	11.11A
Max Power Voltage (V_{mp})	40.45V	38.34V	40.60V	38.48V	41.05V	38.91V	41.20V	39.05V	41.35V	39.19V
Max Power Current (I_{mp})	12.37A	9.70A	12.45A	9.77A	12.68A	9.95A	12.75A	10.01A	12.83A	10.05A
Module Efficiency STC (η_s)	19.3%		19.5%		20.0%		20.2%		20.4%	
Power Tolerance	0~+5W									
Maximum System Voltage	1500V DC									
Max Serie Fuse Rating	25A									

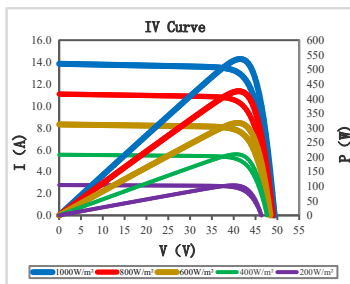
STC: irradiance 1000W/m² module temperature 25°C AM=1.5

NMOT: irradiance of 800W / m², ambient temperature 20°C, and wind speed 1m / s

The uncertainty of Pmax, Voc, Isc testing is ± 3%

Mechanical Specifications

External Dimension	2282mm*1137mm	
Version	Enhanced Version	High Performance Version
Thickness	3.4 ± 0.2mm	3.6 ± 0.2mm
Weight	10.5 ± 0.5kg	11.5 ± 0.5kg
Solar Cell	Mono crystalline 182*91mm, 144 (6*24)	
Frame	/	
GLASS	/	
Junction Box	IP68, 3 diodes, MC4 compatible	
Output Cables	4.0mm ² (IEC), 250~300mm(+)/250~300mm(-) or Customized Length	



Temperature characteristic

Pmax Temperature Coefficient	-0.35 %/°C
Voc Temperature Coefficient	-0.26 %/°C
Isc Temperature Coefficient	+0.047 %/°C
Operating Temperature	-40 ~ +85 °C
Nominal module operation temperature	45 ± 2 °C

Package

Packing Unit	40HQ	17.5m platform truck
PCS/CTNS	68	68
Qty of Package	18	28
PCS/Packages	1224	1904