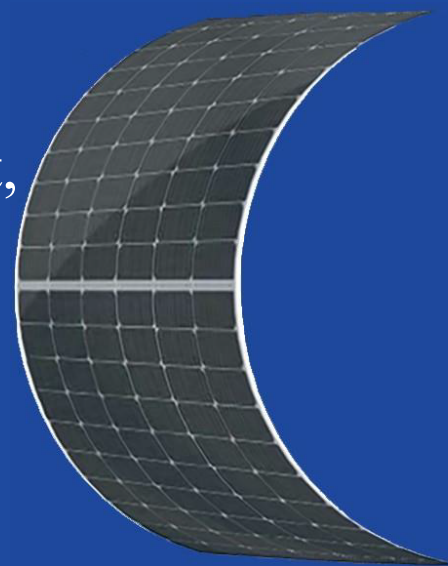


HG-L Lightweight & Flexible Series

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

430W-450W



• 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

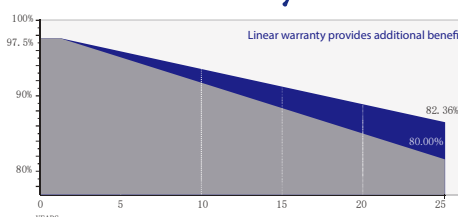
• Quality System

ISO9001
ISO14001
ISO45001

• Product Certification



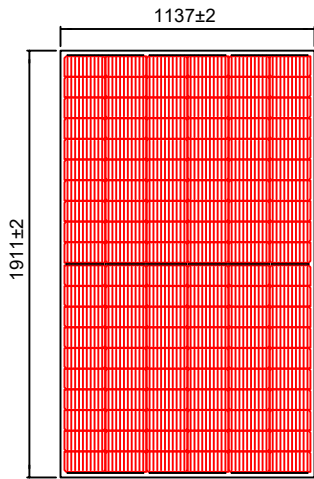
• Product Warranty



Quality and process performance Assurance



Liner power Output Warranty



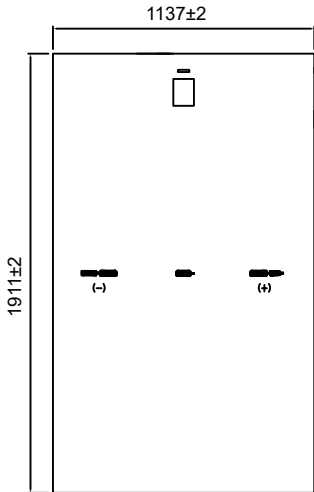
Electrical Parameters

| Module Type | HG-L430-60CW | | HG-L435-60CW | | HG-L440-60CW | | HG-L445-60CW | | HG-L450-60CW | |
|------------------------------------|--------------|--------|--------------|--------|--------------|--------|--------------|--------|--------------|--------|
| | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT |
| Maximum Power (P_{mp}) | 430W | 320W | 435W | 324W | 440W | 327W | 445W | 331W | 450W | 335W |
| Open Circuit Voltage (V_{oc}) | 41.43V | 38.60V | 41.58V | 38.75V | 41.73V | 38.89V | 41.88V | 39.03V | 42.03V | 39.17V |
| Short Circuit Current (I_{sc}) | 13.62A | 10.99A | 13.69A | 11.05A | 13.76A | 11.11A | 13.83A | 11.16A | 13.90A | 11.22A |
| Max Power Voltage (V_{mp}) | 34.18V | 32.40V | 34.33V | 32.54V | 34.48V | 32.68V | 34.63V | 32.82V | 34.78V | 32.96V |
| Max Power Current (I_{mp}) | 12.60A | 9.88A | 12.68A | 9.96A | 12.77A | 10.01A | 12.86A | 10.09A | 12.95A | 10.16A |
| Module Efficiency STC (η_s) | 19.8% | | 20.0% | | 20.3% | | 20.5% | | 20.7% | |
| Power Tolerance | 0~+5W | | | | | | | | | |
| Maximum System Voltage | 1500V DC | | | | | | | | | |
| Max Serise Fuse Rating | 25A | | | | | | | | | |

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

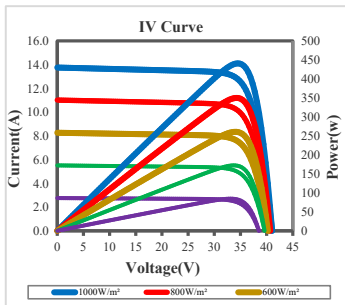
NMOT: irradiance of 800W / m², ambient temperature 20°C, and wind speed 1m / s

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



Mechanical Specifications

| External Dimension | 1911mm*1137mm | | |
|--------------------|------------------------------------------------------------------|------------------|--------------------------|
| Version | Basic Version | Enhanced Version | High Performance Version |
| Thickness | 2.7mm | 3.0mm | 3.2mm |
| Weight | 6.5kg | 7.5kg | 9.0kg |
| Solar Cell | Mono crystalline 182*91mm, 120 (6*20) | | |
| Frame | / | | |
| GLASS | / | | |
| Junction Box | IP68, 3 diodes, MC4 compatible | | |
| Output Cables | 4.0mm ² (IEC), 300mm(+)/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 | 24 | 32 |
| PCS/Packages | 1632 | 2176 |