

Sunny Apex

185W Solar Module

High Power Series

Key Features

Reduce hot spot effect and enhance modules performance

High module conversion efficiency above 18%

Innovative production process to ensure reliability and durability

Product is certified to IEC 61215 and 61730 by TÜV

Electrical Specifications

| | |
|-----------------------------|----------------|
| Model Type | GW-E185A |
| Peak Power (Pmax) | 185W |
| Module Efficiency | 18.38% |
| Maximum Power Voltage (Vmp) | 27.15V |
| Maximum Power Current (Imp) | 6.82A |
| Open Circuit Voltage (Voc) | 33.55V |
| Short Circuit Current (Isc) | 7.07A |
| Power Tolerance | - 1W ~ + 4.99W |
| Maximum System Voltage | 1000V |
| Normal Operating Cell Temp. | 45 °C (+/- 2) |

Mechanical Specifications

| | |
|--------------|---|
| Cell type | Mono-crystalline |
| Dimensions | 1530 x 658 x 35mm [60.24 x 25.91 x 1.38in] |
| Weight | 11.5kg [25.35lbs] |
| Frame | anodized aluminum |
| Junction Box | IP 67 waterproof |
| Cables | 4.00mm ² , 1000mm |
| Connectors | MC4 compatible |

Temperature Coefficients

| | |
|---------------|-------------|
| Power | -0.365%/ °C |
| Voltage (Voc) | -0.28%/ °C |
| Current (Isc) | +0.05%/ °C |

| | |
|-------|---------|
| Brand | GWSOLAR |
|-------|---------|

Warranties & Certifications

| | |
|--------------|--|
| Warranties | 2 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating |
| Certificates | IEC 61215, 61730 |

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temp. 77°F/25°C)
Caution: Read Safety and Installation Instruction before using this product.

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[GWSOLAR CORP.](#) | [Hong Kong Agent](#)

Sunny Apex Development Limited

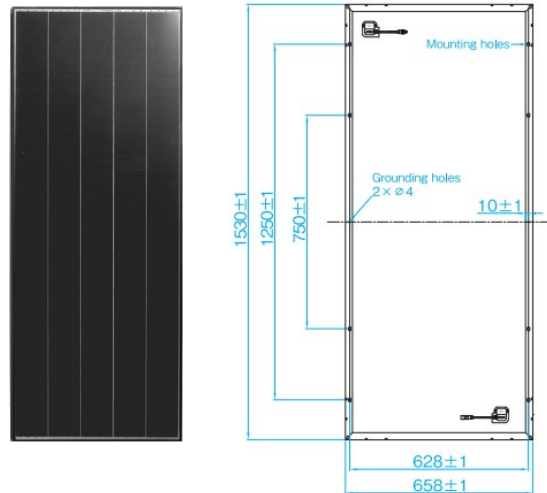
www.sunnyapex.com

25/F Grandion Plaza, 932 Cheung Sha Wan Road, Kowloon, Hong Kong | T: +852-6983 7178 | F: +852-3186 2200 | info@sunnyapex.com

5 Hours Shading Test



Maximum Value 47.3°C
Average Value 23.9°C
Minimum Value 15.6°C



Unit: mm

