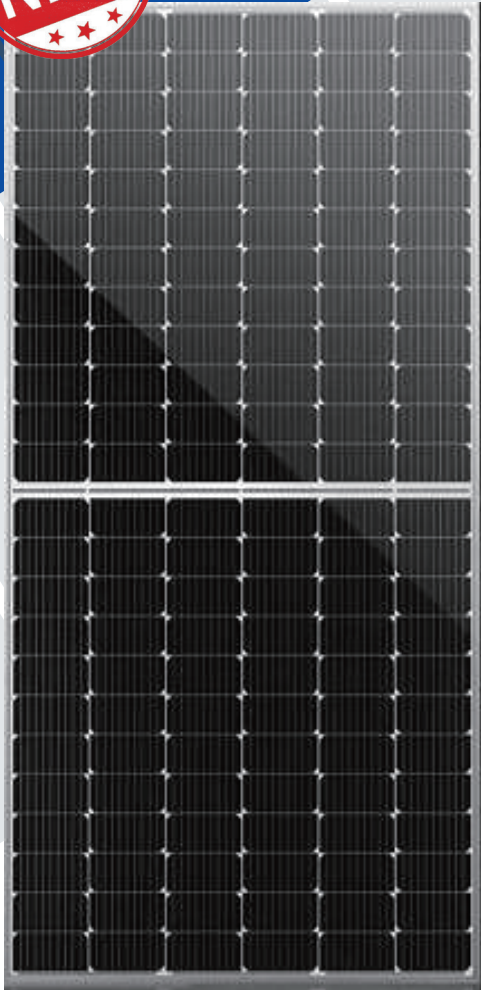


OPTONICA









HIGH PERFORMANCE MONOCRYSTALLINE PV MODULE



SKU: 9404

| | |
|--|-----------------------------------|
| 108 CELL Mono PERC Module | 410W Power Output Range |
| 1500VDC Maximum System Voltage | 21% Maximum Efficiency |

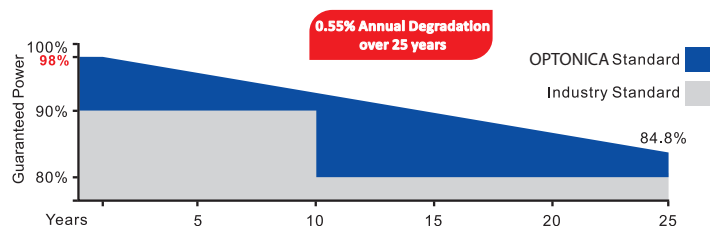
KEY SALIENT FEATURES

-  Industry leading lowest thermal co-efficient of power
-  Industry leading 12 years product warranty
-  Excellent low irradiance performance
-  Excellent PID resistance
-  Positive tight power tolerance
-  Dual stage 100% EL Inspection warranting defect-free product
-  Module Imp binning radically reduces string mismatch losses
-  Excellent wind load 2400Pa & snow load 5400Pa under certain installation method
-  Comprehensive product and system certification
 - Rigorous quality control to meet the highest standard: ISO9001:2015, ISO14001: 2015 and OHSAS: 18001 2007
 - Tested for harsh environments (salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716, DIN EN 60068-2- 68)



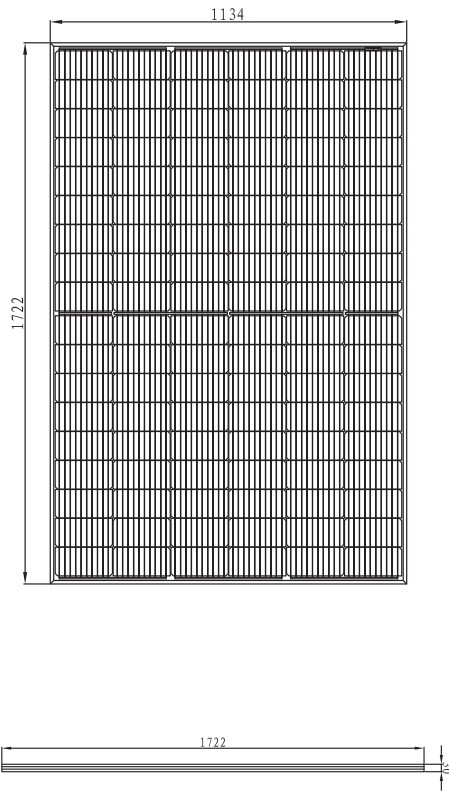
LINEAR PERFORMANCE WARRANTY

12 year Product Warranty / 25 year Linear Power Warranty



* As there are different certification requirements in different markets, please contact your local sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

Module Dimension



Electrical Specification (STC*)

| | | 9404 |
|------------------------|----------------------|--------|
| Maximum Power | P _{max} (W) | 410W |
| Maximum Power Voltage | V _{mp} (V) | 31.40V |
| Maximum Power Current | I _{mp} (A) | 13.06V |
| Open Circuit Voltage | V _{oc} (V) | 37.30V |
| Short Circuit Current | I _{sc} (A) | 13.93V |
| Module Efficiency | (%) | 21 |
| Power Output Tolerance | (W) | 0~+5 |

* Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

Mechanical Data

| | |
|---------------------------------|-----------------------------------|
| Number of Cells | 108 Cells |
| Dimensions of Module L*W*H (mm) | 1722x1134x30mm |
| Weight (kg) | 20.7kg |
| Glass | Tempered glass 3.2mm in thickness |
| Backsheet | White |
| Frame | Silver, anodized aluminium alloy |
| J-Box | IP 68 Rated |
| Cable | 300 mm |
| Number of diodes | 3 |
| Wind/ Snow Load | 2400Pa/ 5400Pa* |
| Connector | MC 4 |

* For more details please check the installation manual

Temperature Ratings

| | |
|---|------------|
| Nominal Operating Cell Temperature (NOCT) | 45±2°C |
| Temperature Coefficient of I _{sc} | +0.048%/°C |
| Temperature Coefficient of V _{oc} | -0.27%/°C |
| Temperature Coefficient of P _{MAX} | -0.35%/°C |

Maximum Ratings

| | |
|-------------------------|----------------|
| Operational Temperature | -40°C/ +80°C |
| Maximum System Voltage | 1500V DC (IEC) |
| Max Series Fuse Rating | 25 A |

Packaging Configuration

| | |
|----------------|-----------|
| Module per box | 37 pieces |
|----------------|-----------|

Optional

| | |
|-----------|-------------|
| Connector | MC Original |
|-----------|-------------|

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.
WWW.OPTONICALED.COM