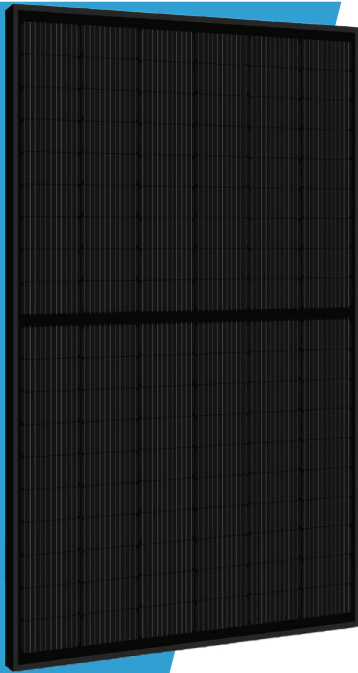




# Module HC 108M

## 400-410 Watt

Positive power tolerance of 0~+3%  
**HALF CELL - MONO PERC 108 CELL**



### KEY FEATURES



#### Multi Busbar Solar Cell

Multi busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



#### High Efficiency

Higher module conversion efficiency (up to 20.38%) benefit from half cell structure (low resistance characteristic).



#### PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.



#### Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



#### Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

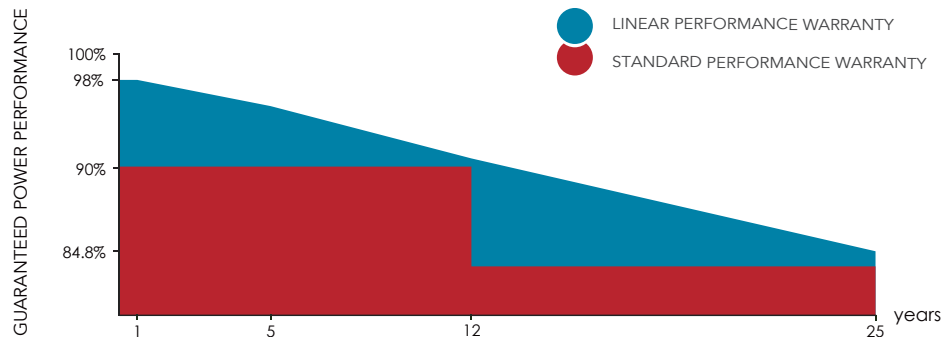


#### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

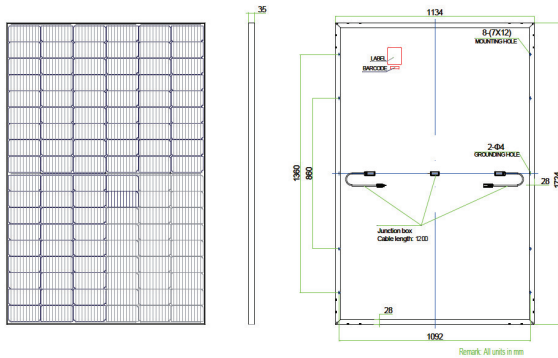
### LINEAR PERFORMANCE WARRANTY

25 Year Product Warranty    25 Year Linear Power Warranty

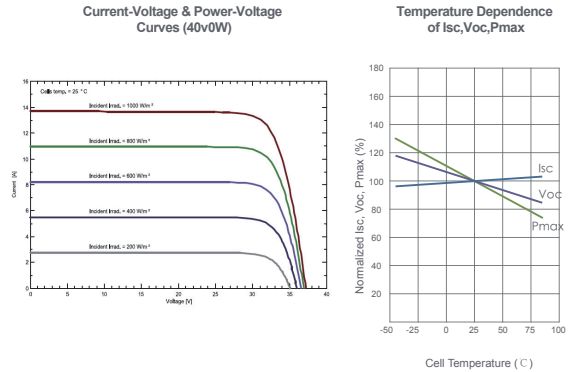


ISO9001:2015 certified factory  
UL61730 certified product

# ENGINEERING DRAWINGS



# ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE



# PACKAGING CONFIGURATION

(Two pallets = One stack)

31pcs/pallet , 62pcs/stack, 868pcs/53FT Truck

# MECHANICAL CHARACTERISTICS

|                     |   |
|---------------------|---|
| Cell Type           | Mono PERC 182x91mm  |
| No. of Half-cells   | 108 (6x18)  |
| Dimensions          | 1724x1134x35mm (67.87x44.64x1.37 inch)                                      |
| Weight              | 21.5 kg (47.4 lbs)  |
| Front Glass         | 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass |
| Frame               | Anodized Aluminium Alloy  |
| Junction Box        | IP68 Rated, connector compatible with MC4                                   |
| Output Cables       | TÜV 1x4.0mm²<br>450mm, (-) 1200mm or Customized Length                      |
| Fire rating         | UL: Type 1, IEC: Class C  |
| Maximum static load | 5400Pa(front side), 2400Pa(back side)                                       |

# SPECIFICATIONS

| Module Type                               | SE-182*91-400M-108N |       | SE-182*91-405M-108N |       | SE-182*91-410M-108N |       |
|---|---------------------|-------|---------------------|-------|---------------------|-------|
|   | STC                 | NOCT  | STC                 | NOCT  | STC                 | NOCT  |
| Maximum Power (Pmax)                      | 400W                | 300W  | 405W                | 304W  | 410W                | 308W  |
| Maximum Power Voltage (Vmp)               | 31.06               | 28.90 | 31.21               | 29.04 | 31.35               | 29.20 |
| Maximum Power Current (Imp)               | 12.88               | 10.39 | 12.98               | 10.47 | 13.08               | 10.55 |
| Open-circuit Voltage (Voc)                | 36.83               | 35.01 | 36.98               | 35.16 | 37.12               | 35.29 |
| Short-circuit Current (Isc)               | 13.76               | 11.09 | 13.86               | 11.18 | 13.96               | 11.26 |
| Module Efficiency STC (%)                 | 20.46%              |       | 20.72%              |       | 20.97%              |       |
| Operating Temperature (°C)                | -40°C ~ +85°C       |       |                     |       |                     |       |
| Maximum System Voltage                    | 1500V DC (IEC)      |       |                     |       |                     |       |
| Maximum Series Fuse Rating                | 20A                 |       |                     |       |                     |       |
| Power Tolerance                           | 0~+3%               |       |                     |       |                     |       |
| Temperature Coefficients of Pmax          | -0.35%/°C           |       |                     |       |                     |       |
| Temperature Coefficients of Voc           | -0.29%/°C           |       |                     |       |                     |       |
| Temperature Coefficients of Isc           | 0.048%/°C           |       |                     |       |                     |       |
| Nominal Operating Cell Temperature (NOCT) | 45±2°C              |       |                     |       |                     |       |

- STC:** ☀ Irradiance 1000W/m²    🌡 Cell Temperature 25°C    ☁ AM=1.5
- NOCT:** ☀ Irradiance 800W/m²    🌡 Ambient Temperature 20°C    ☁ AM=1.5    🌬 Wind Speed 1m/s

\* Power measurement tolerance: ± 3%

Contact us!

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