

# Module HC 108

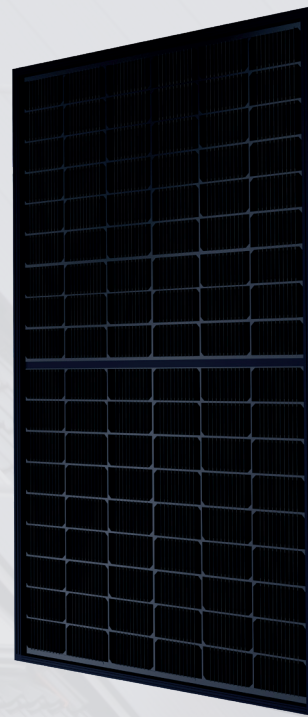
## 400-410 Watt

Positive power tolerance of 0~+5W  
**MONO PERC HALF CELL BLACK MODULE**



### Complete System and Product Certifications

IEC 61215, IEC 61730, IEC61701, UL 61730  
 ISO9001:2015 : ISO Quality Management System  
 ISO14001: 2015 : ISO Environment Management System  
 ISO45001:2018 : Occupational Health and Safety



## 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 20.97%) 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

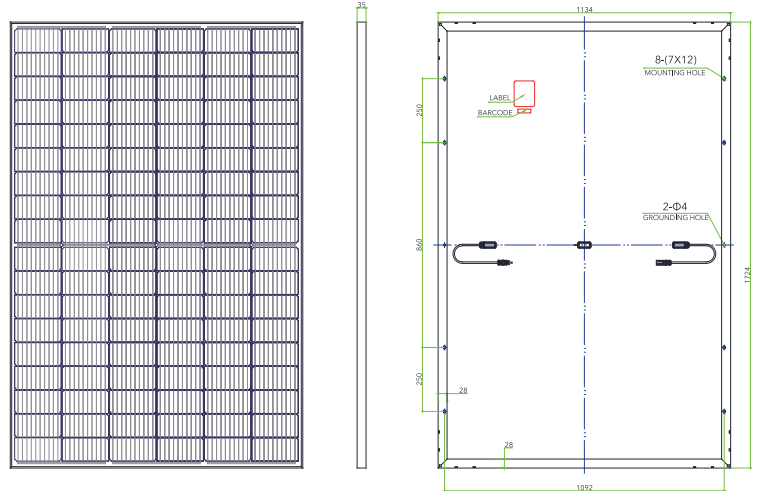
Certified to withstand: wind load (5400 Pascal) and snow load (5400 Pascal).



### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

## ENGINEERING DRAWINGS

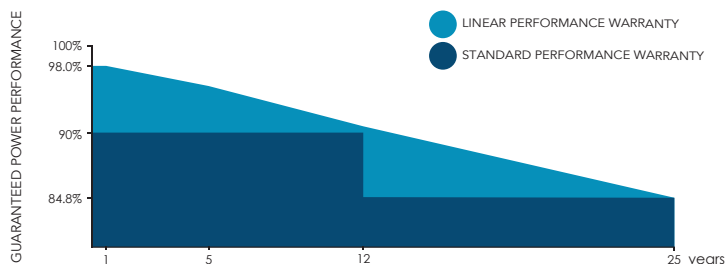


## PACKAGING CONFIGURATION

(Two pallets = One stack)

31pcs/pallet , 62pcs/stack, 899pcs/53FT Truck

## LINEAR PERFORMANCE WARRANTY



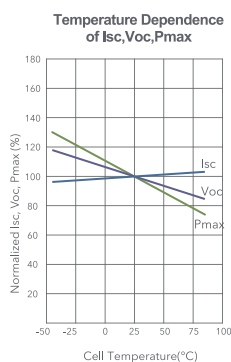
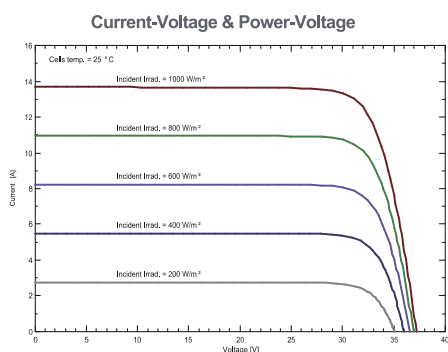
25-Year Product Warranty.

25-Year Efficiency Power Warranty  
+85 output.

## 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 Staubli MC4   |
| Output Cables       | TÜV 1x4.0mm<br>450mm, (-) 1200mm or Customized Length                       |
| Fire Rating         | UL: Type 1, IEC: Class C  |
| Maximum static load | 6 points (fixed) 5400Pa (front side), 5400Pa (back side)                    |
| Maximum static load | 4 points (fixed) 5400Pa (front side), 2400Pa (back side)                    |

## ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE



## SPECIFICATIONS

| Module Type                               | SE-182*91-400M-108 |       | SE-182*91-405M-108 |       | SE-182*91-410M-108 |       |
|---|--------------------|-------|--------------------|-------|--------------------|-------|
|   | 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                    | 1500VDC (IEC)      |       |                    |       |                    |       |
| Maximum Series Fuse Rating                | 25A                |       |                    |       |                    |       |
| 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/m<sup>2</sup>

🌡 Cell Temperature 25°C

☁ AM=1.5

**NOCT:** ☀ Irradiance 800W/m<sup>2</sup>

🌡 Ambient Temperature 20°C

☁ AM=1.5

🌀 Wind Speed 1m/s

+Power measurement tolerance: ± 3%

Contact us!

Become the best solar company for the world +1 949 354 8694 accounts@solareverusa.com