

535W- 560W

More power, less degradation

X **MAX** EL HC7 - 560 -132



Elitec-solar module could increase power generation by 3%+ per watt compared with PERC



LOWER DEGRADATION RATE
First-year $\leq 1\%$, 2-30 year $\leq 0.4\%$



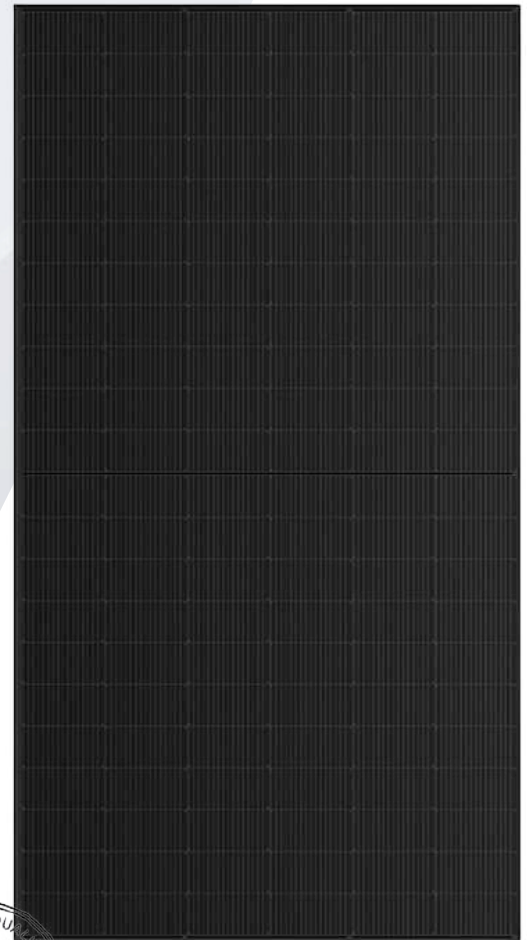
COMPATIBLE with mainstream trackers
effective product for utility power plant



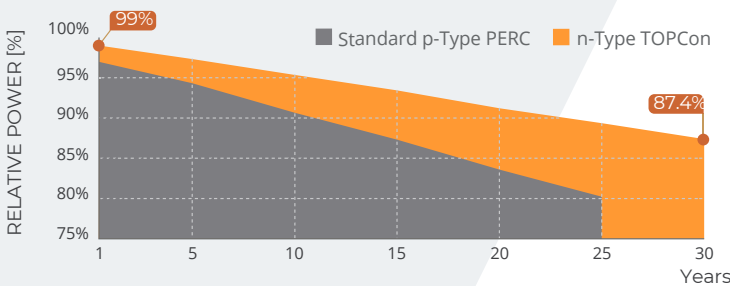
BETTER shading tolerance
Excellent performance under dim light



LOWER TEMP. COEFFICIENT
More power generation under high-temperature



LINEAR PERFORMANCE WARRANTY



30 Years
Warranty for Extra
Linear Power Output

30 Years
Warranty for Materials
and Processing

0.4%
Annual degradation

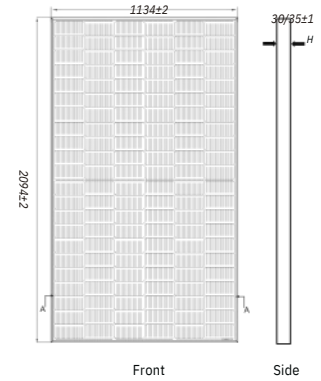


Remark: customized frame color and cable length available upon request

ELECTRICAL CHARACTERISTICS (STC)

| | | | | | | |
|---------------------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power(Pmax/W) | 535 | 540 | 545 | 550 | 555 | 560 |
| Open Circuit Voltage(Voc/V) | 47.63 | 47.82 | 48.03 | 48.22 | 48.41 | 48.60 |
| Short Circuit Current(Isc/A) | 14.32 | 14.39 | 14.46 | 14.52 | 14.58 | 14.64 |
| Voltage at Maximum Power(Vmp/V) | 39.91 | 40.09 | 40.26 | 40.44 | 40.63 | 40.80 |
| Current at Maximum Power(Imp/A) | 13.43 | 13.50 | 13.61 | 13.69 | 13.77 | 13.79 |
| Module Efficiency(%) | 22.53 | 22.74 | 22.95 | 23.16 | 23.37 | 23.58 |

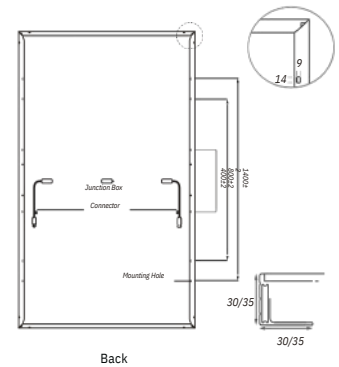
STC:AM1.5 1000W/m² 25 °C



ELECTRICAL CHARACTERISTICS (NOCT)

| | | | | | | |
|---------------------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power(Pmax/W) | 403 | 407 | 411 | 415 | 419 | 423 |
| Open Circuit Voltage(Voc/V) | 45.24 | 45.4 | 45.56 | 45.72 | 45.88 | 46.04 |
| Short Circuit Current(Isc/A) | 11.59 | 11.65 | 11.71 | 11.77 | 11.83 | 11.89 |
| Voltage at Maximum Power(Vmp/V) | 36.8 | 36.97 | 37.14 | 37.31 | 37.48 | 37.65 |
| Current at Maximum Power(Imp/A) | 10.97 | 11.03 | 11.08 | 11.14 | 11.19 | 11.25 |

NOCT:AM1.5 800W/m² 20 °C 1m/s Test uncertainty for Pmax ±3%



MECHANICAL SPECIFICATION

| | | | |
|--------------------------|--------------------------|--------------|--|
| Cell | TOPCon Mono Xmax | Junction Box | IP68 |
| No.of cells | 108(2x54) | Connector | MC4 Compatible |
| Cable Length | 300mm(+)/300mm(-) | Weight | 24.5kgs±3% |
| Cable Cross Section Size | 4mm ² (IEC) | Cells Type | Mono 182 |
| Dimension(LxWxT) | 2093±2mmx1134±2mmx30±1mm | Packaging | 36pcs/pallet, 936pcs/40HQ(30mm) 31pcs/pallet, 806pcs/40HQ(35mm) |

OPERATING PARAMETERS

| | | | |
|------------------------|-------------|--------------------------|--------------------------------|
| Maximum System Voltage | 1500VDC | Maximum StaticLoad,Front | 5400Pa(112lb/ft ²) |
| Operating Temperature | -40°C~+70°C | Maximum StaticLoad,Back | 2400Pa(50lb/ft ²) |
| Maximum Series Fuse | 25A | | |

TEMPERATURE RATINGS

| | |
|---|------------|
| Norminal Operating Cell Temperature(NOCT) | 45±2°C |
| Temperature Coefficiency of Isc | +0.045%/°C |
| Temperature Coefficiency of Voc | -0.25%/°C |
| Temperature Coefficiency of Pmax | -0.29%/°C |

I-V CURVE (Xmax EL HC7-560-132)

