

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

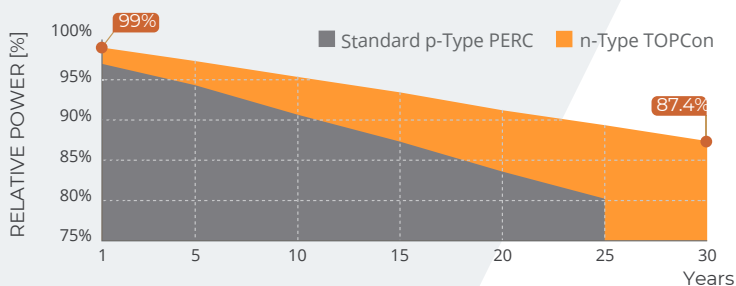


LOWER TEMP. COEFFICIENT

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

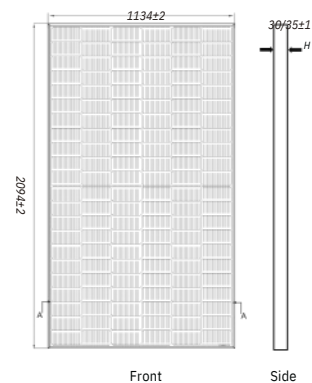


Remark: customized frame color and cable length available upon request

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

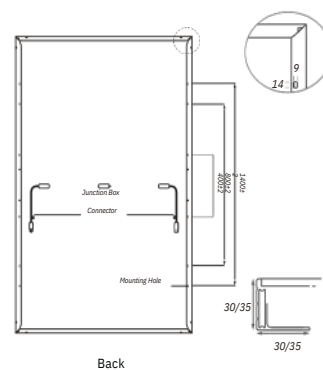
STC:AM1.5 1000W/m² 25 °C



ELECTRICAL CHARACTERISTICS (NOTC)

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)

