

575W- 600W

More power, less degradation

X **MAX** EL HC7 - 600 -144



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



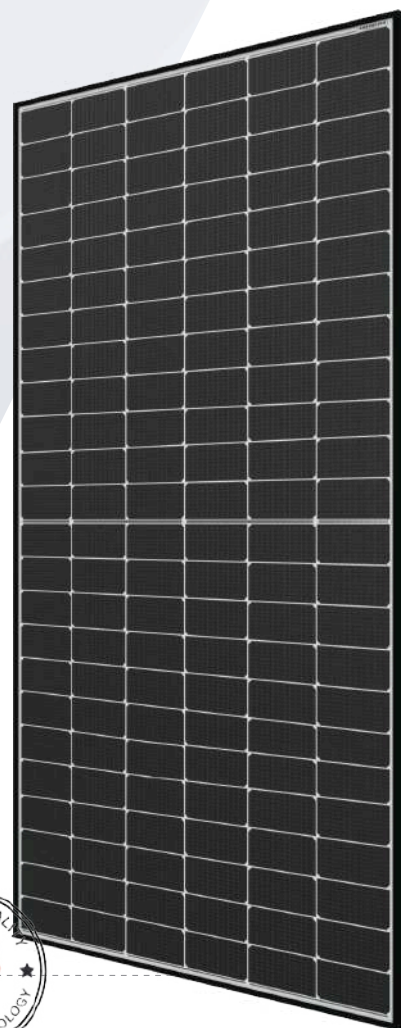
BETTER shading tolerance

Excellent performance under dim light

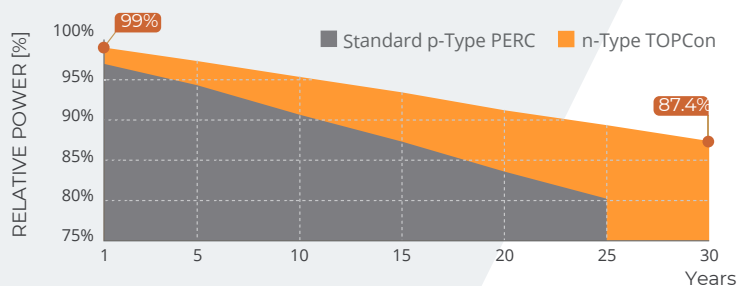


LOWER TEMP. COEFFICIENT

More power generation under high-temperature



LINEAR PERFORMANCE WARRANTY



30 Years

Warranty for Extra
Linear Power Output

15 Years

Warranty for Materials
and Processing

0.4%

Annual degradation

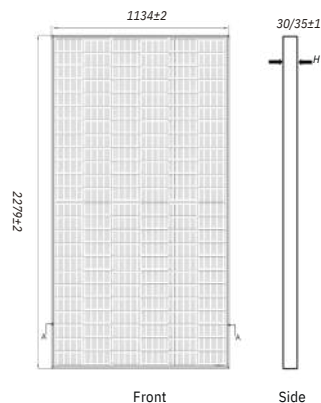


Remark: customized frame color and cable length available upon request

ELECTRICAL CHARACTERISTICS (STC)

Maximum Power(Pmax/W)	575	580	585	590	595	600
Open Circuit Voltage(Voc/V)	52.93	53.5	53.17	53.29	53.41	53.53
Short Circuit Current(Isc/A)	13.72	13.78	13.84	13.90	13.96	14.02
Voltage at Maximum Power(Vmp/V)	43.66	43.86	44.06	44.26	44.46	44.66
Current at Maximum Power(Imp/A)	13.18	13.23	13.28	13.33	13.30	13.43
Module Efficiency(%)	22.25	22.44	22.64	22.83	23.02	23.21

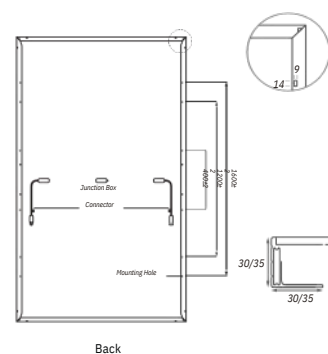
STC:AM1.5 1000W/m² 25 °C



ELECTRICAL CHARACTERISTICS (NOTC)

Maximum Power(Pmax/W)	433	437	441	445	445	453
Open Circuit Voltage(Voc/V)	48.34	48.48	48.62	48.76	48.76	48.88
Short Circuit Current(Isc/A)	11.61	11.67	11.73	11.79	11.79	11.91
Voltage at Maximum Power(Vmp/V)	39.64	39.77	39.90	40.03	40.03	40.29
Current at Maximum Power(Imp/A)	10.91	10.97	11.03	11.09	11.09	11.22

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	144(2x54)	Connector	MC4 Compatible
Cable Length	300mm(+)/300mm(-)	Weight	28.6 kgs±3%
Cable Cross Section Size	4mm ² (IEC)	Cells Type	Mono 144
Dimension(LxWxT)	2279±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 HC7-600-144)

