

# 440W- 460W

More power, less degradation

## X **MAX** EL HC7 - 460 -108

**Bifacial**



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



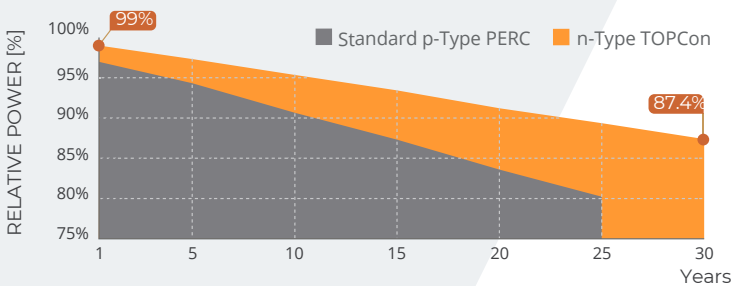
**BETTER** shading tolerance  
Excellent performance under dim light



**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

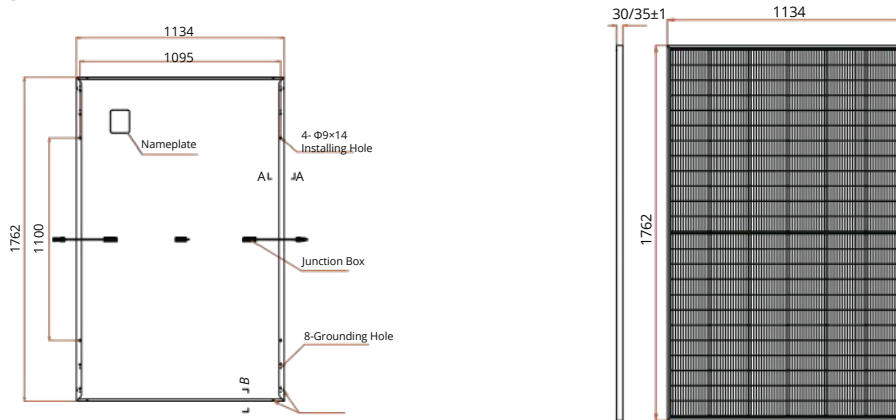
**0.4%**  
Annual degradation



## ELECTRICAL CHARACTERISTICS (STC)

Maximum Power(Pmax/W)	440	445	450	455	460
Open Circuit Voltage(Voc/V)	39.77	39.87	39.97	40.07	40.17
Short Circuit Current(Isc/A)	13.78	13.87	13.96	14.05	14.14
Voltage at Maximum Power(Vmp/V)	33.20	33.30	33.40	33.50	33.6
Current at Maximum Power(Imp/A)	13.33	13.42	13.51	13.60	13.69
Module Efficiency(%)	22.02	22.27	22.52	22.77	23.02

STC:AM1.5 1000W/m<sup>2</sup> 25 °C



## MECHANICAL SPECIFICATION

Cell	TOPCon Mono Xmax	Junction Box	IP68
No.of cells	108(2x54)	Connector	MC4 Compatible
Cable Length	300mm(+)/300mm(-)	Weight	21kgs±3%
Cable Cross Section Size	4mm <sup>2</sup> (IEC)	Cells Type	Mono 182
Dimension(LxWxT)	1762±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 <sup>2</sup> )
Operating Temperature	-40°C~+70°C	Maximum StaticLoad,Back	2400Pa(50lb/ft <sup>2</sup> )
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 H7-460 - 108)

