

# 440W

We're Star Solar. We believe that you deserve the best. From highpower solar modules to exceptional service, we shine for you.



Powerful performance.



More power output in shade or low-light conditions.



Climate change ready. Performs well in extreme weather.



Backed by an excellent 30/30 warranty and industry-leading customer care.



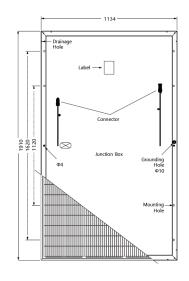
# Linear Performance Warranty



Live Brilliantly.



#### **Engineer Drawing**









### **Electrical Specifications**

STC Rated Output (Pmax) 440W

Module Efficiency (%) 20.31%

Open Circuit Voltage (Voc) 41.2

Short Circuit Current (Isc) 13.54A

Maximum Power Voltage (Vmp) 34.5V

Maximum Power Current (Imp) 12.74A

### **Test Operating Conditions**

Max Series Fuse 20A

Max System Voltage 1,500 VDC (UL&IEC)

Max Load Cap. (Per UL 1703) 5400 PA Snow Load/210mph Wind Rating

Fire Performance Class Class C/Type 1

# Curve & Temp Dependence

# Module Design

Cell Type	Mono 182x91mm
Weight	24kg
Dimensions	1910x1134x35mm
Cables	1200mm
No. of Cells	120 (6x20)
Glass	3.2mm high transmission, antireflection coating
Junction Box	IP68, 3 bypass diodes
Connector	MC4
Packing	31pcs/pallet, 744pcs/40HQ

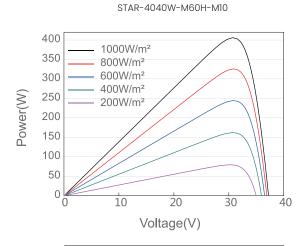
#### Temperature Ratings

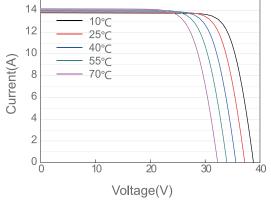
Temperature Coefficients Pmax	-0.37°C
Temperature Coefficients Isc	+0.05°C
Temperature Coefficients VocNormal Op-	-0.29%°C
erating Cell Temperature (NOCT)	45°C <u>+</u> 2°C

#### Certifications



UL61730-1/-2 UL61215-1/-2 CSA C22.2#61730-1/-2





info@starsolar.com starsolar.com