

## 30 Years

Industry Experience

# C1D2 HazLoc Engineered Durability

### ABOUT US

Hub Solar's commitment to engineering excellence are evident in our ruggedized C1D2 family of solar panels. Meeting today's most stringent hazardous location standards, and using the best available materials and technologies.

Our manufacturing facilities are world class and operate in strict accordance to ISO 9001 standards. Our process controls, quality control and flash testing, ensure manufacturing excellence.

## Applications

 Offgrid Industrial Sites

 Communications Sites

 Oil & Gas Sites

 Mountain Top

 Commercial on Grid

 Offshore Sites

### MODULE PERFORMANCE

## HSMH120-360-M6



**360W**  
Max Power



**10.79A**  
Max Power Current

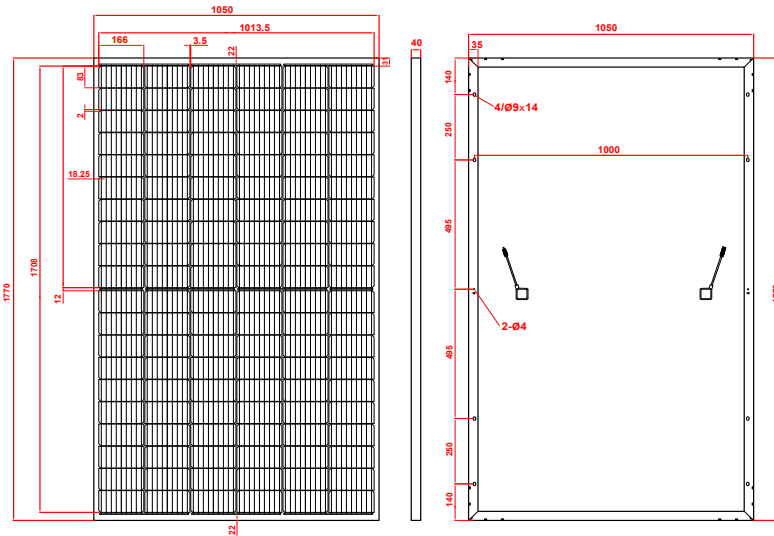
### DETAILS

## Start at the core

- Industrial Grade Design
- Robust Aluminum Frame
- 3.2mm Glass Cover
- Thick Backing Cover
- Factory Installed Leads
- Mono Crystalline Cells
- ISO Standards

## MONO CRYSTALLINE SOLAR MODULE

# HSMH120-360-M6



STC: Irradiance 1000 W/m<sup>2</sup>; SpectrumAM1.5; Cell Temperature 25°C, Wind 0 m/s

Type	HSMH120-360-M6
Type of Solar Cell	Mono-crystalline, 166mm×166mm
Number of Cells	120
Size of module	1770×1050×40mm (166×83mm cell)
Module, Weight	19.5kg
Connector	Low Profile Junction Box with Wire Leads
Cables	Customizable
Front Cover Glass	Safety Glass
Front Cover Glass, Thickness	3.2 mm
Frame	Anodized Aluminium



## ELECTRICAL DATA

Maximum Power	360W
Power Tolerance	+ 3%
Maximum Power Voltage - Vmp	33.35V
Maximum Power Current - Imp	10.79A
Open Circuit Voltage - Voc	40.80V
Short Circuit Current - Isc	11.45A
Cell Efficiency	22.0%
Maximum System Voltage	1000V

## TEMPERATURE COEFFICIENTS

Power Coefficient	-0.50 ±0.05%/K
Voltage Coefficient	-0.35 ±0.01%/K
Current Coefficient	0.065 ±0.015%/K

## SAFETY STANDARDS & CERTIFICATIONS

- Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2  
 Standard(s): Hazardous (Classified) Locations [UL 121201:2017 Ed.9+R:APRIL 1, 2021]
- Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified)  
 Locations [CSA C22.2#213:2017 Ed.3+U1;U2;U3]

IEC 61215, IEC 61730, TUV, CE, ISO9001:200



## WARRANTY

5 years warranty against production and material defects

10 years performance warranty to 90%

25 years performance warranty to 80%