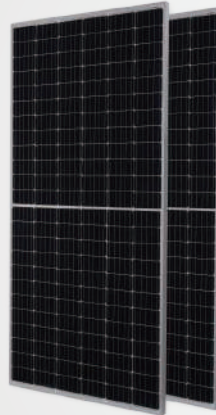


Half-cell PERC Mono



CSP385-72M-H

Half-cell PERC Mono Module

CSP385-72M-H CSP380-72M-H
 CSP375-72M-H

19.40%

Maximum Module Efficiency



Half-cell Design

The unique half-cell design leads to reduced electrodes resistance and smaller current, enables higher fill factor. Meanwhile, it can reduce losses of mismatch and cell wear, and increase total reflection.



High Efficiency

Higher output up to 385W (module efficiency up to 19.40%).



PID Free

Excellent Anti-PID performance from improved cell technology and selected material.



Low-light Performance

Excellent performance under weak light conditions.



Load Capacity Enhancement

Certificated to withstand wind (2400 Pa) and snow load (5400 Pa).



Harsh Environment Adaptability

Reliable quality enables module to have better sustainability even in the desert, farms and near the coast.



Lower Hot Spot Risks

Reduce risks of hot spot and minimize panel degradation.

385 Wp

Rated Maximum Power

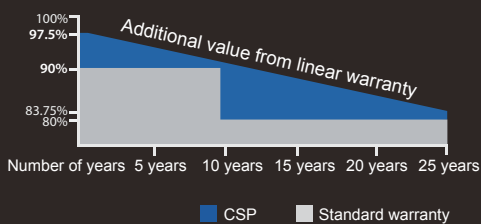
12 Years

Material & Workmanship Warranty

25 Years

Linear Power Output Warranty

Linear Performance Warranty



• CSUNPOWER(CSP) is one of the world leading solar energy turnkey solution experts. We focus on high efficient solar module research, manufacturing, distribution as well as project development, EPC, O&M, asset management and financing. We provide our customers with comprehensive solutions of whole lifecycle of solar project.

• CSUNPOWER(CSP) owns an international and professional management team. With the help of the manufacturing strength and technology innovation, we distributed more than 10GWp solar modules accumulatively, developed and built more than 500MWp solar projects worldwide. Our sales network covers more than 50 countries in the world.

Note:

Parameters in this datasheet do not refer to parameters of a single solar module, also not the commitment content in the contract. This datasheet is used only for comparison of different module types. CSUNPOWER does not guarantee that it is completely accurate. CSUNPOWER is entitled to adjust the parameters without prior notice.



All rights reserved by CSUNPOWER
 Version 03/2019-EN

Electrical Characteristics at Standard Test Conditions (STC)

Module Type	CSP385-72M-H	CSP380-72M-H	CSP375-72M-H
Maximum Power - Pmax (W)	385	380	375
Positive Power Tolerance	0~+5W	0~+5W	0~+5W
Open Circuit Voltage - Voc (V)	48.32	48.05	47.78
Short Circuit Current - Isc (A)	10.15	10.09	10.03
Maximum Power Voltage - Vmpp (V)	40.07	39.80	39.58
Maximum Power Current - Imp (A)	9.61	9.55	9.48
Module Efficiency	19.4%	19.2%	18.9%

Standard test conditions (STC): irradiance 1000W/m²; AM 1.5G; cell temperature 25°C.

Electrical Characteristics at Nominal Operating Cell Temperature (NOCT)

Module Type	CSP385-72M-H	CSP380-72M-H	CSP375-72M-H
Maximum Power - Pmax (W)	285	281	278
Open Circuit Voltage - Voc (V)	44.80	44.51	44.28
Short Circuit Current - Isc (A)	8.13	8.08	8.02
Maximum Power Voltage - Vmpp (V)	37.05	36.81	36.59
Maximum Power Current - Imp (A)	7.69	7.64	7.58

Nominal operating cell temperature (NOCT): irradiance 800W/m²; wind speed 1 m/s; ambient temperature 20°C.

Temperature Characteristics

Voltage Temperature Coefficient	-0.289%/°C
Current Temperature Coefficient	0.051%/°C
Power Temperature Coefficient	-0.360%/°C
NOCT	45±2°C

Maximum Ratings

Maximum System Voltage (V)	1000/1500
Series Fuse Rating (A)	20

Mechanical Characteristics

Dimensions (L*W*H)	2000x992x40x35mm
Weight	23kg
Cells	144 (6*24) pieces half-cell mono solar cells
Junction Box	IP68 , 3 bypass diodes
Cable	4mm ²
Connector	MC4/Compatible with MC4
Frame	Anodized aluminum profile

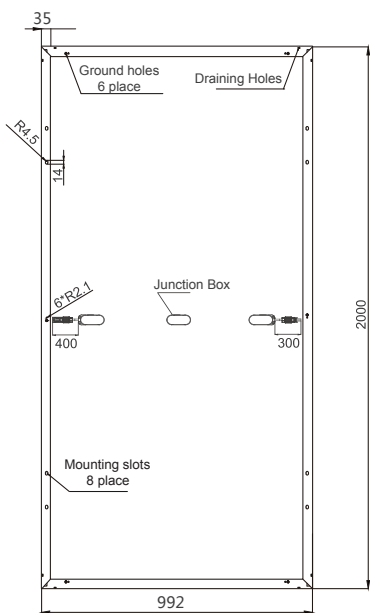
Packaging

Pallet	27 pcs
Container 40'	594 pcs

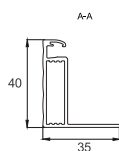
System Design

Temp. Range	-40°C~+85°C
Application Class	A

Dimensions



Units: mm



IV-Curves

