

445 / 450 / 455 / 460

GH460M6-B72HSW-C



Comfortable profit

Turn carports, greenhouses, roofed in spaces into green power plants.



Reliable

The framed edges reduce the risk of glass breakage and delamination



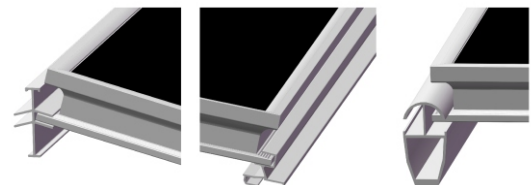
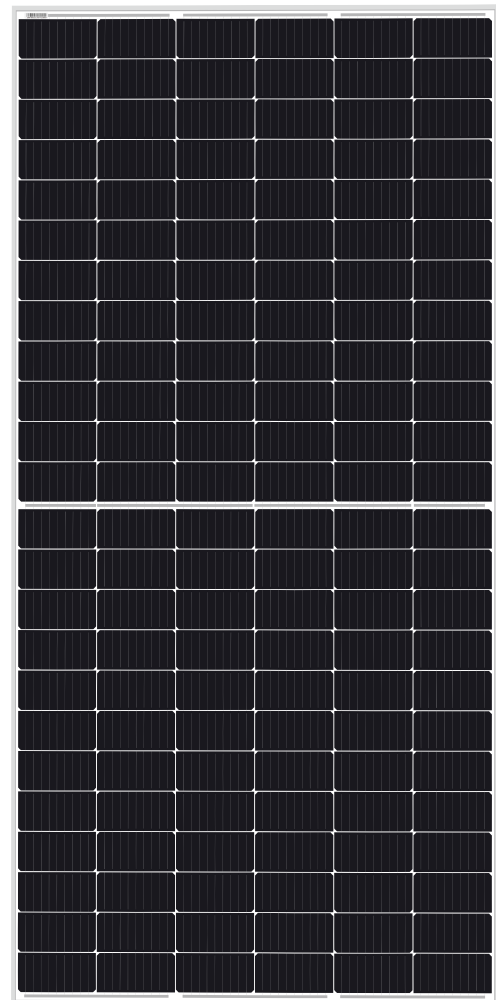
Versatile

Integration in (existing) greenhouses constructions, carports or various other roofing concepts.

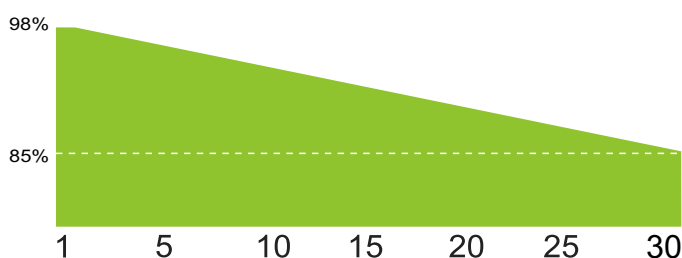


Maintenance and cleaning

With existing greenhouse cleaning methods, sufficient and low cost



Peak Power Warranty



Tier 1 CHUBB

15 Years Product Warranty

30 Years Peak Power Warranty

Electrical Specifications

Module Type	GH445M6-B72HSW-C	GH450M6-B72HSW-C	GH455M6-B72HSW-C	GH460M6-B72HSW-C
Testing Condition	STC	STC	STC	STC
Pm(W)	445	450	455	460
Imp(A)	10.92	11.01	11.10	11.18
Vmp(V)	40.77	40.91	41.04	41.17
Isc(A)	11.35	11.43	11.51	11.59
Voc(V)	50.12	50.27	50.42	50.57
Module Efficiency	20.44%	20.67%	20.90%	21.13%
Bifaciality:70%±10% STC:AM1.5 1000W/m ² 25°C Measurement uncertainty:±3%				

Bifacial Gain

10%	Pm(STC)	490W	495W	501W	506W
20%	Pm(STC)	534W	540W	546W	552W
30%	Pm(STC)	579W	585W	592W	598W

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Dimensions	2095x1039x30mm
Weight	28kg
Module Structure	Glass/Encapsulant/Glass
Glass Thickness	2.0mm+2.0mm
PV module classification	Class II
Junction Box Rating	IP67/IP68
Cables	4mm ² /(+)60mm;(-)200mm
Connector Type	PV-ZH202B or MC4 (1000V) PV-ZH202B or MC4-Evo 2A (1500V)

Packaging

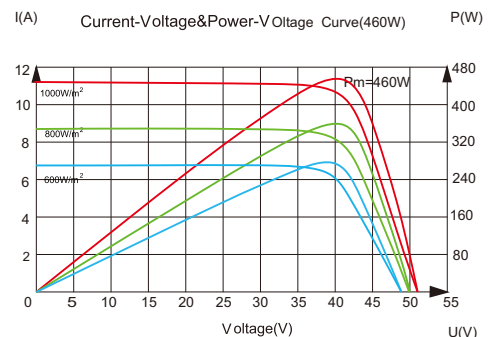
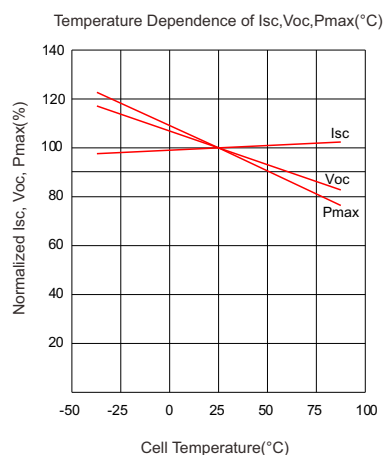
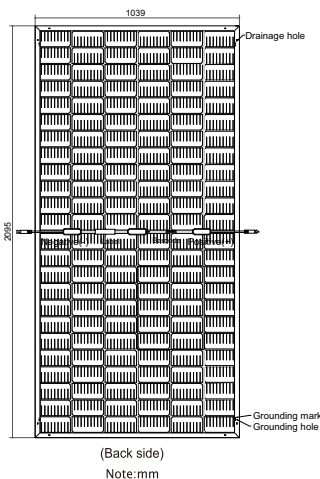
Pallet dimensions	2145*1140*1170mm
Container	40'HQ
Pieces per Pallet	36
Pieces per Container	792

Temperature Characteristics

Nominal Operating Cell Temperature	42±3°C
Temperature Coefficient of Isc	+0.0487%/°C
Temperature Coefficient of Voc	-0.256%/°C
Temperature Coefficient of Pmax	-0.328%/°C

Maximum Ratings

Operating Temperature	-40°C to+85°C	Maximum Series Fuse Rating	25A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1000V/1500V DC(IEC)		



Statement: Due to technological progress, product parameters will be adjusted accordingly; When signing the contract, the latest data of the company shall prevail.