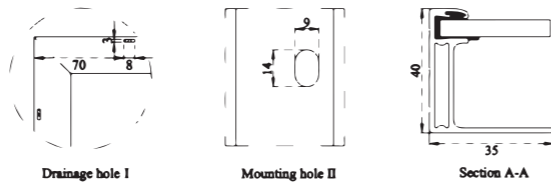
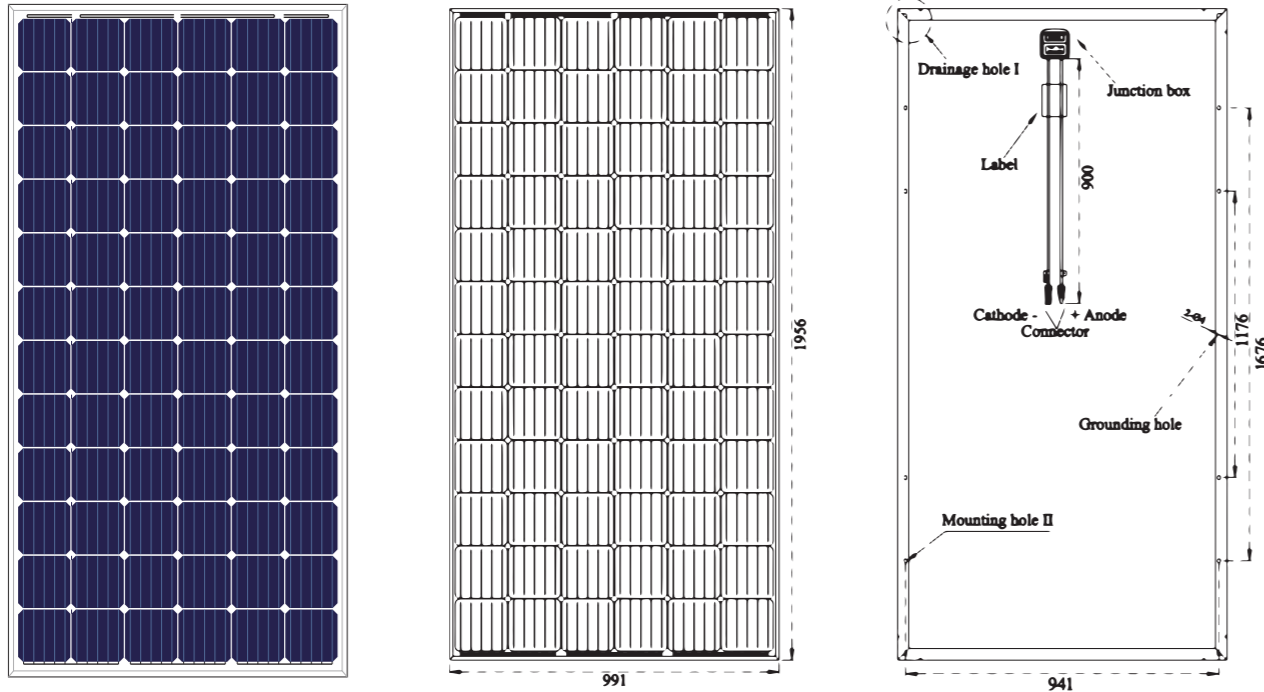


Perc DHM72 5BB

345W-365W

Monocrystalline PV module



Mechanical Specification

| | |
|-------------------|--|
| Cells Type | Mono 156.75×156.75mm |
| Weight | 22.5kg |
| Dimension (L×W×T) | 1956×991×40mm |
| Output Cables | TUV, Length900mm, 4.0mm ² |
| No. of Cells | 72 (6×12) |
| Front Glass | 3.2mm High Transmission, Low Iron Tempered Glass |
| Frame | Anodised Aluminium |
| Junction box | IP67, 3 Bypass Diodes |
| Connector | MC4 or MC4 Compactible |

Packing Configuration

| | | | |
|-------------------|------|------|------|
| Container | 20GP | 40GP | 40HC |
| PCS per pallet | 27 | 27 | 27 |
| PLT per container | 10 | 24 | 24 |
| PCS per container | 270 | 648 | 696 |

Operating Parameters

| | |
|---|-------------|
| Maximum system voltage | DC1000V |
| Operating Temperature(°C) | -40 ~ +85°C |
| Maximum series fuse rating | 15A |
| Snow load, frontside | 5400Pa |
| Wind load, backside | 2400Pa |
| Nominal operating cell temperature (NOCT) | 45°C±2°C |
| Application level | Class A |

Electrical Characteristics (Standard Test Conditions)

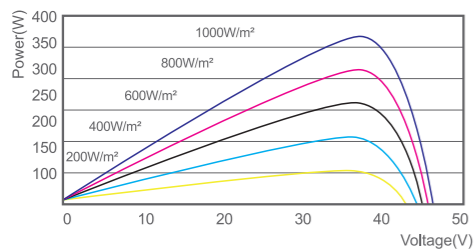
| Module Type | DHM72-345 | DHM72-350 | DHM72-355 | DHM72-360 | DHM72-365 |
|---------------------------------|---|-----------|-----------|-----------|-----------|
| Maximum Power(Pmax) | 345W | 350W | 355W | 360W | 365W |
| Open-circuit Voltage (Voc) | 46.7V | 46.9V | 47.0V | 47.2V | 47.4V |
| Maximum Power Voltage (Vmp) | 38.4V | 38.5V | 38.7V | 38.9V | 39.1V |
| Short-circuit Current (Isc) | 9.50A | 9.60A | 9.69A | 9.76A | 9.82A |
| Maximum Power Current(Imp) | 8.99A | 9.09A | 9.17A | 9.26A | 9.34A |
| Module Efficiency(%) | 17.80% | 18.06% | 18.31% | 18.57% | 18.83% |
| Power Tolerance | 0 ~ +5W | | | | |
| Temperature Coefficient of Isc | 0.05%/°C | | | | |
| Temperature Coefficient of Voc | -0.29%/°C | | | | |
| Temperature Coefficient of Pmax | -0.39%/°C | | | | |
| Standard Test Environment | Irradiance 1000w/m ² , Cell temperature 25°C, Spectrum AM1.5 | | | | |

Electrical Characteristics (Noct)

| Module Type | DHM72-345 | DHM72-350 | DHM72-355 | DHM72-360 | DHM72-365 |
|-----------------------------|---|-----------|-----------|-----------|-----------|
| Maximum Power(Pmax) | 257W | 261W | 264W | 267W | 271W |
| Open-circuit Voltage (Voc) | 43.4V | 43.6V | 43.7V | 43.8V | 43.9V |
| Maximum Power Voltage (Vmp) | 35.5V | 35.6V | 35.8V | 35.9V | 36.1V |
| Short-circuit Current (Isc) | 7.67A | 7.75A | 7.82A | 7.88A | 7.95A |
| Maximum Power Current(Imp) | 7.25A | 7.33A | 7.40A | 7.44A | 7.50A |
| Standard Test Environment | Irradiance 800w/m ² , Cell temperature 20°C, Spectrum AM1.5, Wind speed 1m/s | | | | |

Function parameter

PV Curve (355W)



IV Curve (355W)

