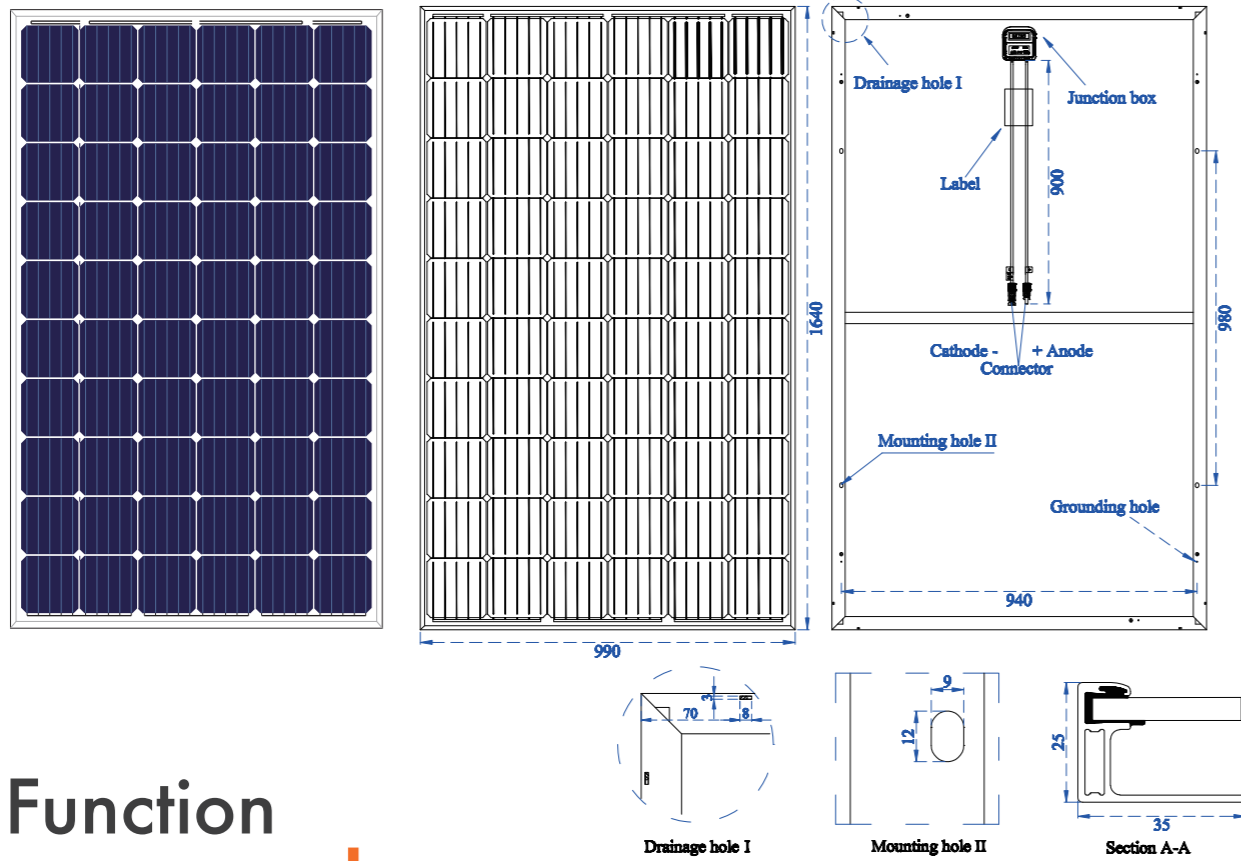


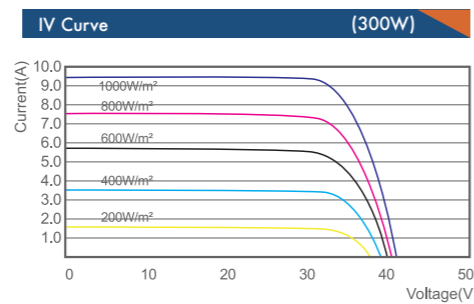
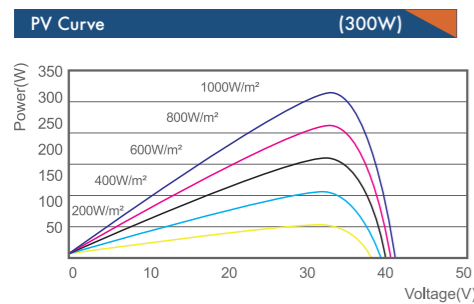
Air DHM60 ^{5BB} 270W-300W

Monocrystalline PV module

- Lighter weight , lower roof load**
Easy to operate, roof load-bearing reduced by 17%
- Higher efficiency , lower shipping cost**
More compact size, increase module efficiency and the packing density, reduce transportation cost by 25% -30%



Function parameter



Mechanical Specification

| | |
|-------------------|---|
| Cells Type | Poly156.75×156.75mm |
| Weight | 15.6kg |
| Dimension (L×W×T) | 1640×990×25mm |
| Output Cables | TUV, Length900mm, 4.0mm ² |
| No.of Cells | 60 (6×10) |
| Front Glass | 2.5mm 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 | 40 | 40 | 40 |
| PLT per container | 14 | 28 | 28 |
| PCS per container | 530 | 1120 | 1232 |

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 | DHM60-270 | DHM60-275 | DHM60-280 | DHM60-285 | DHM60-290 | DHM60-295 | DHM60-300 |
|---------------------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Maximum Power(Pmax) | 270W | 275W | 280W | 285W | 290W | 295W | 300W |
| Open-circuit Voltage (Voc) | 38.5V | 38.8V | 39.0V | 39.3V | 39.5V | 39.7V | 39.9V |
| Maximum Power Voltage (Vmp) | 31.5V | 31.6V | 31.7V | 31.8V | 32.2V | 32.5V | 32.6V |
| Short-circuit Current (Isc) | 9.17A | 9.25A | 9.35A | 9.45A | 9.50A | 9.55A | 9.64A |
| Maximum Power Current(Imp) | 8.57A | 8.70A | 8.83A | 8.96A | 9.01A | 9.08A | 9.20A |
| Module Efficiency(%) | 16.63% | 16.94% | 17.25% | 17.55% | 17.86% | 18.17% | 18.48% |
| Power Tolerance | 0 ~ +5W | | | | | | |
| Temperature Coefficient of Isc | 0.05%/C | | | | | | |
| Temperature Coefficient of Voc | -0.32%/C | | | | | | |
| Temperature Coefficient of Pmax | -0.41%/C | | | | | | |
| Standard Test Environment | Irradiance 1000w/m ² , Cell temperature 25 C, Spectrum AM1.5 | | | | | | |

Electrical Characteristics (Noct)

| Module Type | DHM60-270 | DHM60-275 | DHM60-280 | DHM60-285 | DHM60-290 | DHM60-295 | DHM60-300 |
|-----------------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Maximum Power(Pmax) | 202W | 205W | 209W | 212W | 216W | 220W | 223W |
| Open-circuit Voltage (Voc) | 35.8V | 36.1V | 36.3V | 36.6V | 36.7V | 36.9V | 37.1V |
| Maximum Power Voltage (Vmp) | 28.9V | 29.2V | 29.4V | 29.6V | 29.9V | 30.2V | 30.4V |
| Short-circuit Current (Isc) | 7.41A | 7.48A | 7.55A | 7.63A | 7.67A | 7.71A | 7.78A |
| Maximum Power Current(Imp) | 6.98A | 7.03A | 7.11A | 7.17A | 7.23A | 7.28A | 7.35A |
| Standard Test Environment | Irradiance 800w/m ² , Cell temperature 20 C, Spectrum AM1.5, Wind speed 1m/s | | | | | | |