

## 100-110 Watt MONO-FACIAL MODULE

- ◆ IEC 61215: 2021
- ◆ IEC 61730: 2016
- ◆ TÜV Rheinland Standard
- ◆ CE: European Certification
- ◆ Resistance to salt mist and ammonia corrosion
- ◆ Performance tests under extreme conditions
- ◆ Wind and snow load testing



### ◆ Key Features



#### Higher Energy Efficiency

N-Type Mono-Facial technology harnesses reflected light.



#### Improved Performance in Low Light

Optimal operation in low irradiation conditions.



#### PID Protection

Minimized power loss due to degradation effects.



#### High Climate Resilience

Wind load resistance of 2400Pa and snow load resistance of 5400Pa.



#### Longer Lifespan

25-year warranty with over 85% power output.



#### Easy Installation & Compatibility

Lightweight design for easier handling and installation.



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### > Electrical Parameters at STC

Maximum Power (Pmax)	100 Wp	105 Wp	110 Wp
Voltage at Maximum Power (Vmpp)	20.90 V	21.0 V	21.10 V
Current at Maximum Power (Impp)	4.79 A	5.00 A	5.21 A
Open Circuit Voltage (Voc)	25.10 V	25.20 V	25.32 V
Short Circuit Current (Isc)	5.8 A	5.30 A	5.53 A
Module Efficiency	17.42 %	18.29 %	19.16 %

Values at standard test conditions STC (Air mass AM 1.5, Irradiance 1000W/sqm, Cell temperature 25°C)  
Power Measurement Tolerance: 0 / +3%

### > Specifications

Weight	6.9 kg
Dimension	820mm*700mm*30mm
Cell Dimension	166*83mm
Cell Amount	4*9 pcs
Junction Box	IP67
Frame	Aluminum Alloy
Cable	Length can be customized
Connector	MC4 compatible
Application Level	Class A

### > Maximum Ratings

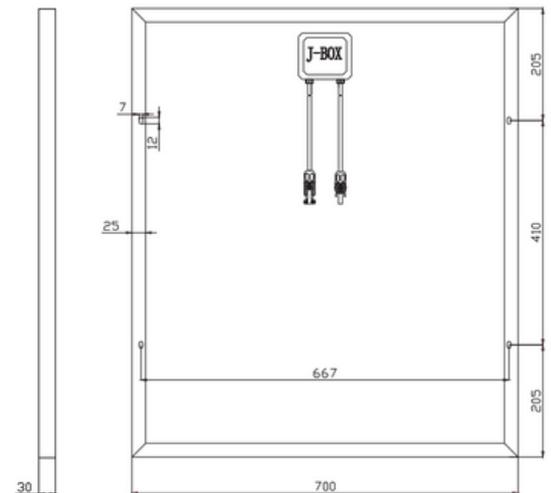
Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500 V
Wind Load/ Snow Load	2400pa/5400pa
Fuse Current	15 A

### > Warranty & certifications

Warranty	25 years Power Output Warranty 10 years 90%, 25 years 85% 10 years Product Warranty on Material
Certification	IEC 61215:2021 IEC 61730:2016



### > Mechanical Drawing



### > IV Characteristics

