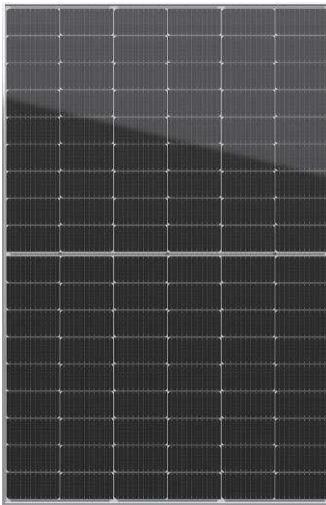


HT54-18X

Single Glass PERC PV Module

HIGH High power

405W/410W
415W/420W/425W



- Module Efficiency: 21.8%
- No. of Cells 108(6×18)
- Weight 21.0 (±0.5) kg
- Dimensions 1722×1134×30mm
- Monocrystalline 182×91mm



MULTIWAY+

Importer: T & J Capital GmbH
WEEE Nr.: 95684578
Website: www.tjcapital.de



E-Mail: info@tjcapital.de

Factory:
Lianyungang Shenzhou New Energy CO., Ltd.
Turkey HT Solar Energy Joint Stock Company



Half cut cell technology can reduce the internal power loss and improve module overall power. Excellent heat dissipation avoids hot spot production.



The optimized number and width of main gate lines, Maximize the light receiving area of modules and Reduce module power consumption.



Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs

12Ys

Products warranty

25Ys

Warranty on power output



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

EL

Microcrack resistant enhance reliability, double EL tested of high quality control.

5W

Positive tolerance 0/+5w guaranteed



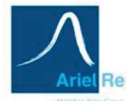
Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)

Anti **PID**

PID resistant

Comprehensive and first-rate certification system

IEC 61215:2016, IEC 61730:2016 Latest Standard
ISO 9001, ISO 14001 and ISO 45001,
meeting the highest international standards
Strict quality control

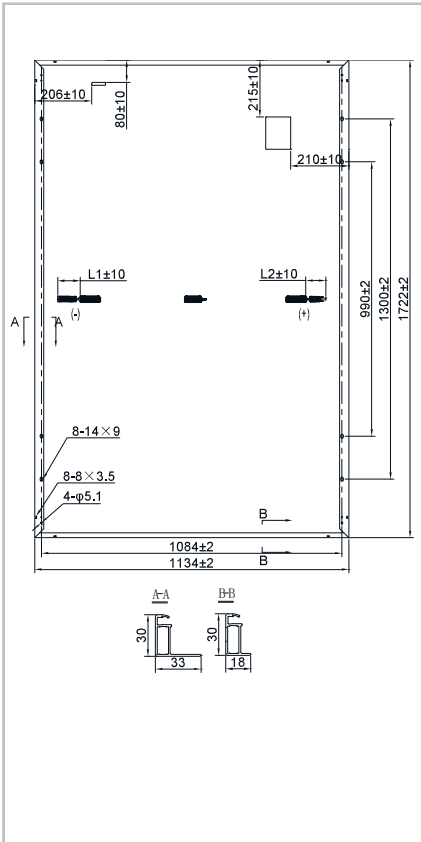


MULTIWAY+

Better Choice For Higher Efficiency!

HT54-18X

405W/410W/415W/420W/425W



Electrical Characteristics (STC)

| Module Type | HT54-18X | | | | |
|----------------------------|----------------|--------|--------|--------|--------|
| Maximum Power(Pmax) | 405W | 410W | 415W | 420W | 425W |
| Open Circuit Voltage(Voc) | 37.19V | 37.33V | 37.48V | 37.63V | 37.79V |
| Short Circuit Current(Isc) | 13.91A | 13.98A | 14.06A | 14.14A | 14.22A |
| Maximum Power Voltage(Vmp) | 31.31V | 31.44V | 31.60V | 31.74V | 31.91V |
| Maximum Power Current(Imp) | 12.95A | 13.05A | 13.14A | 13.24A | 13.33A |
| Module Efficiency | 20.7% | 21.0% | 21.3% | 21.5% | 21.8% |
| Power Tolerance | 0 ~ +5W | | | | |
| Maximum System Voltage | 1500V DC(IEC) | | | | |
| Maximum Series Fuse Rating | 25A | | | | |
| Operating Temperature | -40°C to +85°C | | | | |

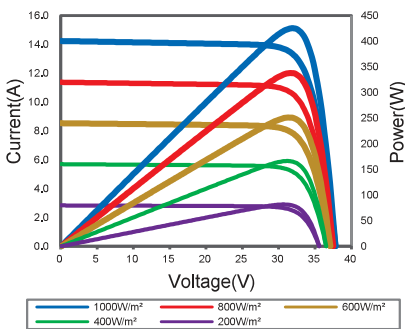
* STC: AM 1.5, Irradiance 1000W/m², module temperature 25°C

Electrical Characteristics (NMOT)

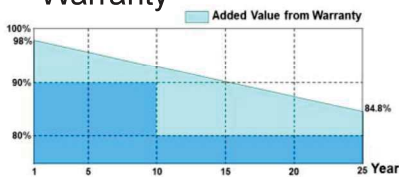
| Module Type | HT54-18X | | | | |
|----------------------------|----------|--------|--------|--------|--------|
| Maximum Power(Pmax) | 301W | 305W | 309W | 312W | 316W |
| Open Circuit Voltage(Voc) | 35.25V | 35.38V | 35.52V | 35.67V | 35.82V |
| Short Circuit Current(Isc) | 11.23A | 11.28A | 11.35A | 11.41A | 11.48A |
| Maximum Power Voltage(Vmp) | 29.68V | 29.80V | 29.95V | 30.08V | 30.24V |
| Maximum Power Current(Imp) | 10.14A | 10.23A | 10.32A | 10.37A | 10.45A |

* NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

IV Curves



Warranty



12-year product warranty*

25-year warranty on power output*

* Specific information is referred to the product quality guarantee

| | |
|--|---|
| Nominal Module Operating Temperature(NMOT) | 43±2°C |
| Temperature Coefficient of Pmax | γ (Pm) -0.33%/°C |
| Temperature Coefficient of Voc | β (Voc) -0.26%/°C |
| Temperature Coefficient of Isc | α (Isc) 0.042%/°C |
| Solar Cells | Monocrystalline 182× 91mm |
| No. of Cells | 108 (6×18) |
| Dimensions | 1722mm×1134mm×30mm |
| Weight | 21.0(±0.5)kg |
| Glass | High light transmittance coated tempered glass |
| Frame | Anodized aluminum alloy |
| Junction Box | IP68 |
| Cable | 4mm ² (IEC) length: (+) 200mm, (-) 300mm |
| Connectors | MC4 / MC4 Compatible |
| Packaging Configuration | 36 pcs/box: 936 pcs/ 40' HQ Container |

*The module recycling should be carried out by the professional institutions at the end of module life cycle

*Copyright@2022V3 Specifications are subject to change without further notification

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