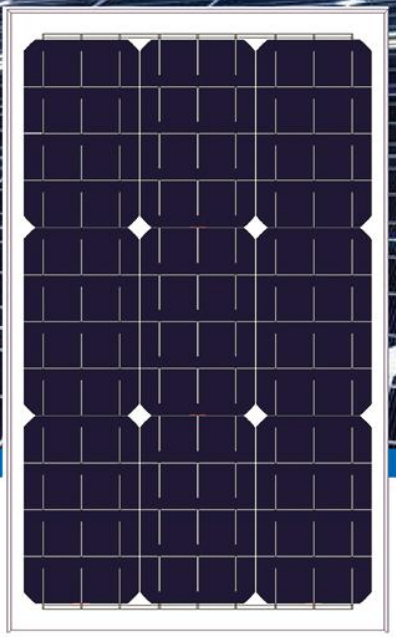
Runze Solar



# RUNZE
## RZ-70M-36
36-Cell Series

## KEY FEATURES

**Half-cut cell technology**
New circuit design, lower internal current, lower Rs loss

**No power loss thanks to improved temperature co-efficient**
caused by 5 busbar solar cell

**Strictly control the micro-crack of solar cells and the other**
non visible defect of internal modules

**Module can bear snow loads up to 5400Pa**
and wind loads up to 2400Pa

**Manufactured according to and certified international I Quality**
and Environment Management System

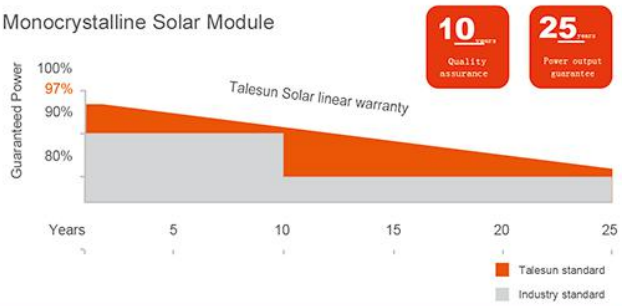
**Using advanced low reflection and high light**
transmission glass and cell sheet surface cutting technology, in the weak light

## SYSTEM&PRODUCT CERTIFICATES

- IEC 61215 / IEC 61730
- ISO 9001 : 2015 Quality Management System
- ISO 14001 : 2015 Environment Mangement System
- OHSAS 18001：2007 Occupational Health and Safety Management Systems

## QUALITY WARRANTY

DEZHOU RUNZE NEW ENERGY TECHNOLOGY CO.,LTD that defects will not appear in materials and workmanship defined by IEC61215, IEC61730 or UL1703 under normal installation, use and maintenance as specified in RUNZE installation manual for 10 years from the warranty starting date.



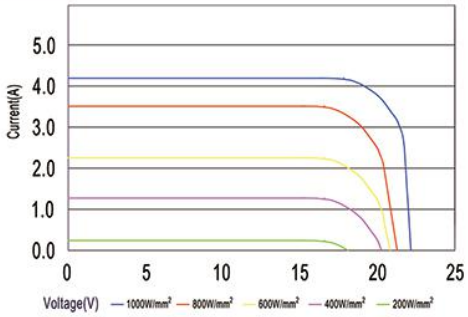

Web:www.dzrzxny.com Tel:400-059-8898
Adress:NO.1999 Chongde Fourth Avenue,Dezhou Economic Development Zone,China

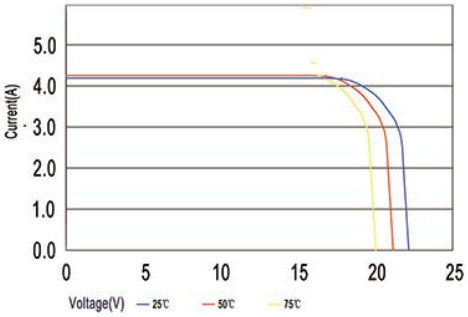
## ELECTRICAL PARAMETERS

| Performance at STC (Power Tolerance 0 ~+5W) | |
|---|---|
| Maximum Power(Pmax/W) | 70 |
| Operating Voltage(Vmpp/V) | 18.3 |
| Operating Current(Impp/A) | 3.83 |
| Open-Circuit Voltage(Voc/V) | 22.4 |
| Short-Circuit Current(Isc/A) | 4.15 |
| Module Efficiency ηm(%) | 15.9 |
| **Performance at NMOT** | |
| Maximum Power(Pmax/W) | 53 |
| Operating Voltage(Vmpp/V) | 17.0 |
| Operating Current(Impp/A) | 3.09 |
| Open-Circuit Voltage(Voc/V) | 20.7 |
| Short-Circuit Current(Isc/A) | 3.24 |

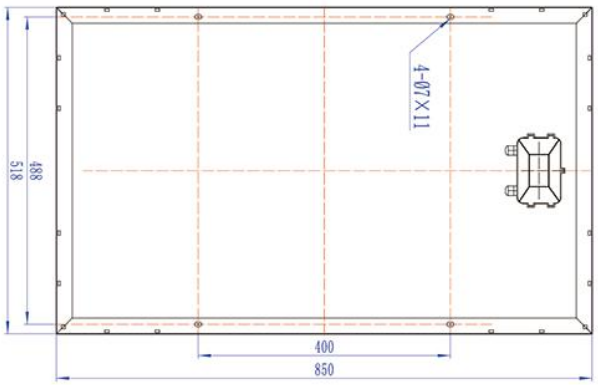
STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5  NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

| | |
|---|---|
| Cell Type | Mono-Crystalline Silicon(5Busbar) |
| Cell Dimensions | 156.75×156.75mm(6inches) |
| Cell Arrangement | 36(3*12) |
| Weight | 4.6kg |
| Module Dimensions | 850×518×25mm |
| Cable Length | |
| Cable Cross Section Size | |
| Front Glass | 3.2mm High Transmission, Tempered Glass |
| No.of Bypass Diodes | 1 |
| Packing Configuration (1) | 5pcs/carton,105pcs/Pallet,2940pcs/40hq |
| Packing Configuration (2) | |
| Frame | Anodized Aluminium Alloy |
| Junction Box | IP65 |

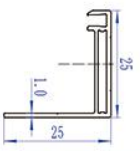



| | |
|---|---|
| Maximum System Voltage | 1000V/DC(IEC)/1500V/DC(IEC) |
| Operating Temp | -40°C-+85°C |
| Maximum Series Fuse | 10A |
| Static Loading | 5400Pa |
| Conductivity at Ground | ⩽ 0.1Ω |
| Safety Class | II |
| Resistance | ⩾100MΩ |
| Connector | |




| | |
|---|---|
| Temperature Coefficient Pmax | -0.38%/°C |
| Temperature Coefficient Voc | -0.30%/°C |
| Temperature Coefficient Isc | +0.05%/°C |
| NMOT | 42±2°C |

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