



## Mechanical characteristics

|                  |   |
|------------------|---|
| Cell Type        | Mono-crystalline 156.75×130.625mm                 |
| No. of Cells     | 36(4×9)   |
| Dimensions       | 1250×668×30mm                                     |
| Weight           | 9.5kgs  |
| Front Glass      | 3.2mm high transmission, low iron, tempered glass |
| Frame            | Anodized Aluminium Alloy                          |
| Junction box     | IP65 Rated  |
| Output cables    | 2.5mm <sup>2</sup> cable 90cm+mc4                 |
| Quantity/cartons | 5pcs  |

## Product Standard

|                     |          |
|---------------------|----------|
| Product Performance | IEC61215 |
| Product Safety      | IEC61730 |

## Specifications

| Model Type                                      | UFX140PM                                 |
|---|--|
| Peak Power(P <sub>max</sub> )                   | 140.00                                   |
| Maximum Power Voltage(V <sub>mp</sub> )         | 19.00                                    |
| Maximum Power Current(I <sub>mp</sub> )         | 7.37                                     |
| Open Circuit Voltage(V <sub>oc</sub> )          | 23.28                                    |
| Short Circuit Current(I <sub>sc</sub> )         | 7.76                                     |
| Cells Efficiency(%)                             | 19.10                                    |
| Module Efficiency(%)                            | 16.76                                    |
| Maximum System Voltage(V)                       | 1000                                     |
| Maximum Series Fuse Rating(A)                   | 15                                       |
| Power Tolerance                                 | 0 ~ +3 %                                 |
| P <sub>max</sub> Temperature Coefficients(W/°C) | -0.400 %                                 |
| V <sub>oc</sub> Temperature Coefficients(V/°C)  | -0.290 %                                 |
| I <sub>sc</sub> Temperature Coefficients(A/°C)  | +0.048 %                                 |
| NOCT Nominal Operating Cell Temperature(°C)     | 45±2                                     |
| Operating and Storage Temperature(°C)           | -40 ~ +85                                |
| Standard Test Condition(STC)                    | 1.000W/m <sup>2</sup> ; AM 1.5; 25+/-2°C |

## Key Features



**5 Busbar Cell:**  
5 Busbar Solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance making it perfect for rooftop installation and application



**High Efficiency**  
High Module conversion efficiency, through innovative manufacturing technology



**Low-Light Performance**  
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



**Serve Weather Resilience**  
Certified to withstand: wind load(2400Pa) and snow load (5400Pa)

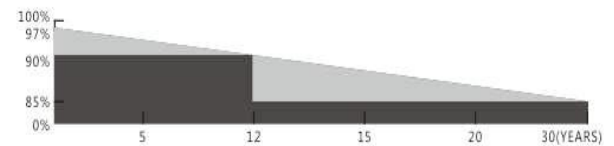


**Durability against extreme environmental conditions**  
High salt mist and ammonia resistance certified by TUV



**0 to +5W Positive Tolerance**  
Detailed information in Electrical Specifications

## Linear Performance Warranty



**12 YEARS** Guarantee on product material and workmanship



**30 YEARS** Linear Power output warranty

## Certification



## Drawing Picture

