



**ESCELCO** operates from its photovoltaic cells and modules factory in Bembibre, León. Through the vertical integration of the production process and the quality control of all its products, Escelco provides security, guarantees and service throughout Spain.

**25 YEARS PERFORMANCE WARRANTY**  
**10 YEARS PRODUCT WARRANTY**



## POLYCRYSTALLINE MODULE 240-260W

60 cells | Silver/White



Free PID



100% electroluminescence test



Module efficiency over 15,98%



ISO Certification  
9001:2015 y 14001:2015



EN 61215-2:2017 / EN  
IEC 61730-2:2018/  
AC:2018-06



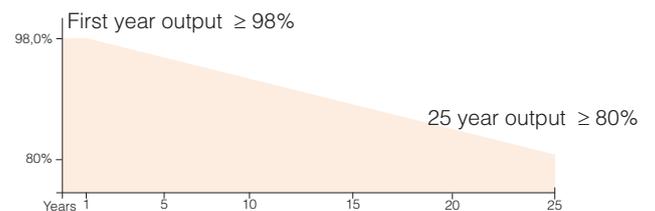
Factory Inspection  
Certificate

### QUALITY

- 3,2mm Arc tempered glass
- Frame with higher mechanical resistance and air chamber
- High performance under low light conditions (cloudy days, mornings and evenings)
- Back load (wind) 2.400 Pa / Frontal load (snow) 5.400 Pa

### LINEAR PERFORMANCE WARRANTY

- Higher performance over 80% at 25 years





## ELECTRIC DATA

| Reference                      | ESP240-60F-M2-S | ESP250-60F-M2-S | ESP260-60F-M2-S |
|--------------------------------|-----------------|-----------------|-----------------|
| Nominal power, P <sub>mp</sub> | 240W            | 250W            | 260W            |
| Tolerance, P <sub>mp</sub>     | 0/+3%           | 0/+3%           | 0/+3%           |
| Module efficiency              | 14,75%          | 15,37%          | 15,98%          |
| I <sub>sc</sub> (A)            | 8,58            | 8,90            | 9,24            |
| V <sub>oc</sub> (V)            | 37,17           | 37,30           | 37,50           |
| I <sub>mp</sub> (A)            | 8,02            | 8,26            | 8,53            |
| V <sub>mp</sub> (V)            | 29,96           | 30,30           | 30,50           |
| Maximum voltage                | 1.000 V         | 1.000 V         | 1.000 V         |
| Reverse-current power rating   | 15A             | 15A             | 15A             |
| $\alpha$ I <sub>sc</sub>       | 0,06%/°C        | 0,06%/°C        | 0,06%/°C        |
| $\beta$ V <sub>oc</sub>        | -0,33%/°C       | -0,33%/°C       | -0,33%/°C       |
| $\gamma$ P <sub>max</sub>      | -0,41%/°C       | -0,41%/°C       | -0,41%/°C       |
| Temperature range              | -40°C a +85°C   | -40°C a +85°C   | -40°C a +85°C   |
| NMOT                           | 45°C ± 2°C      | 45°C ± 2°C      | 45°C ± 2°C      |

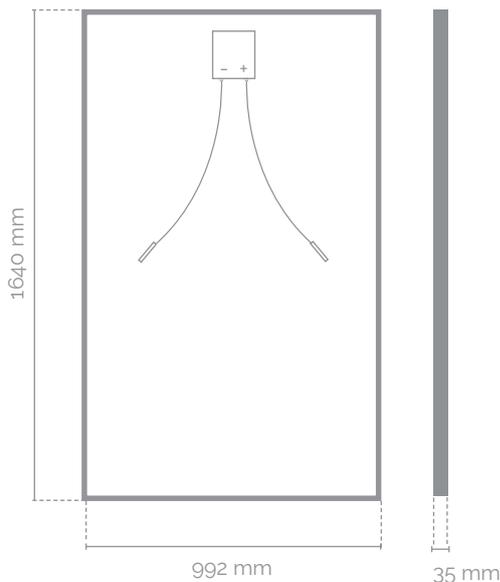
## TECHNICAL FEATURES

- Cell arrangement: 60(6x10)
- Weight: 18,5Kg
- Dimensions: 1640x992x35mm ±1%
- Packaging: 720 pcs-truck
- 30 units per pallet
- Pallet Weight: 555 Kg

## CONNECTION BOX

- Sealed, robust and wide for heat dissipation
- IP67/IP68 according to IEC 60529
- 3 diodes by-pass
- Stäubli Electrical MC4-Evo 2 or MC4-Type connectors, quick and easy connection
- Cables 1,20m (±0,1m) length and 4mm<sup>2</sup> section
- Fire Class I approval (UNI 9177)

## DIMENSIONS



## FRAME

- Silver / anodized aluminium 0,015 mm
- Backsheet White
- Robust and resistant to corrosion
- Mounting bore holes
- Built-in plug

## YIELD CURVE

