



escelco

Excellence beyond Solar Energy

MONOCRYSTALLINE MODULE 350-375W

350-375W | 72 cells | Standard/Black

25 YEARS PERFORMANCE WARRANTY

15 YEARS PRODUCT WARRANTY

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.



Maximum voltage up to 1.500V



6 optional by-pass diodes



Electroluminescence test



High transmissivity and anti-reflective glass



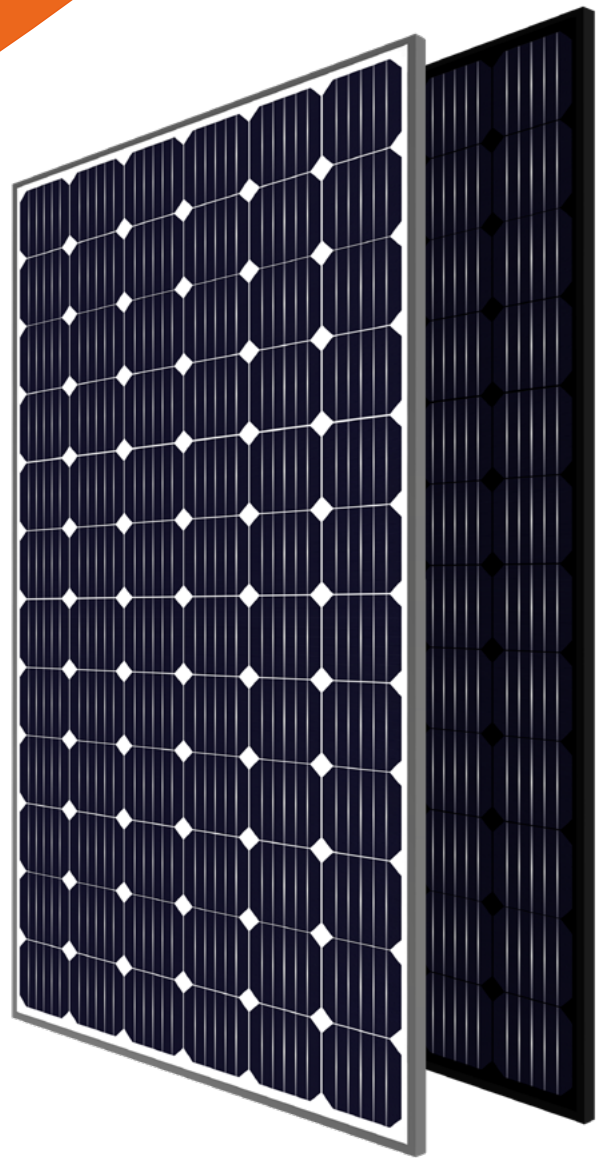
En 61215-2:2017 / En IEC 61730-2:2018/AC:2018-06



Frame with higher mechanical resistance and air chamber



Back load (wind) 2.400 Pa / Frontal load (snow) 5.400 Pa



ALIDAD EUROPEA

ESPAÑA
GARANTÍA · SERVICIO



Factory:

Polígono Industrial Bierzo Alto. (A6 - km 372)
C/ Las Canteras s/n, 24318 Bembibre, Leon. Spain
+34 987 526 880

info@escelco.eu / www.escelco.eu

TECHNICAL FEATURES

Frame

Black / Silver anodized aluminium 0,015 mm

Robust and resistant to corrosion

Mounting holes

Built-in plug

Connection box

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

diodes by-pass built-in (3/6)
for protection of the partial shading

Connector mC4 or compatible

Cables 1,20m (±0,1m) length and 4mm² section

Fire Class I approval (unl 9177)

Frontal

3,2 mm ArC tempered glass

Textured, extra-clear with low iron content

Covered cell interconnections
(Only in Black)

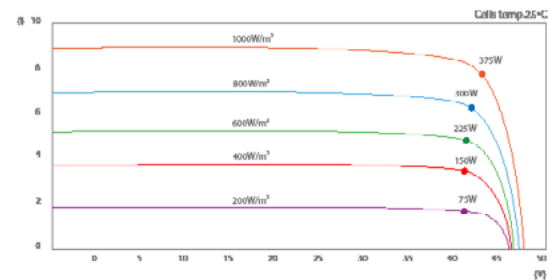
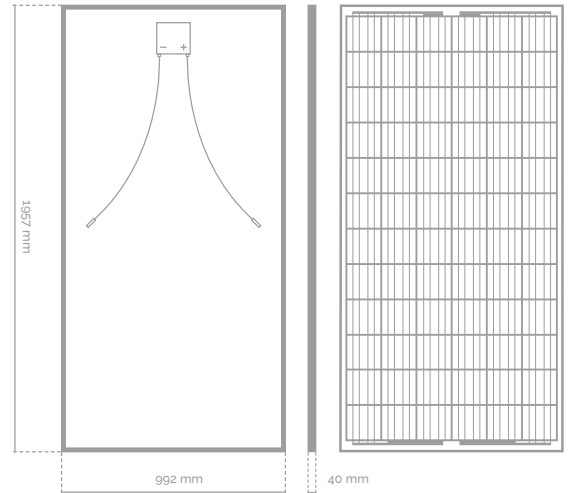
Solar cells

72 cells monocrystalline silicon / 6" / 5BB

Weight, dimensions and packaging

24 Kg | 1957 x 992 x 40mm(+/-1%) | Packaging: 616 pcs-truck

MONOCRYSTALLINE MODULE 350-375W 350-375W | 72 CELLS | STANDARD/BLACK



ELECTRIC DATA

| Standard - Black | MESC 350W | MESC 360W | MESC 370W | MESC 375W |
|---------------------------------|-------------------|-----------|-----------|-----------|
| Nominal power, P _{mpp} | 350W | 360W | 370W | 375W |
| Tolerance, P _{mpp} | 0 / +5W | 0 / +5W | 0 / +5W | -1% / +3% |
| Area of the module | 1,94 | | | |
| Module efficiency | 18,04% | 18,56% | 19,07% | 19,33% |
| I _{sc} | 9,60 A | 9,70 A | 9,80 A | 9,85 A |
| U _{oc} | 47,10 V | 47,60 V | 48,30 V | 48,70 V |
| I _{mpp} | 9,04 A | 9,23 A | 9,39 A | 9,47 A |
| U _{mpp} | 38,70 V | 39,00 V | 39,40 V | 39,60 V |
| maximum voltage | 1.000 V / 1.500 V | | | |
| α I _{sc} | 0,042% / °C | | | |
| β U _{oc} | - 0,29% / °C | | | |
| γ P _{max} | - 0,40% / °C | | | |
| Temperature range | - 40°C to +85°C | | | |
| NOCT | 45°C ± 2°C | | | |

Note: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², Am 1.5 and cell's temperature of 25°C. measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Escelco.



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