innovación en alta tecnología solar

IATS P636

- Photovoltaic solar panels made with material of first quality and the last technologies.

- Accredited by TUV according to standards

  IEC 61215
  IEC 61730-1-2

- 5 years guarantees against all defects of material and workforce.

- Production guarantees of 90% of the nominal power (measured in conditions STC) after 10 years and 80% after 25.

- Adapted for any use, but specially for standalone installations.

-They support high loads of ice and snow up to 5400 Pa.

- Fast connectors MC4 type.

- 6¨multi-crystalline silicon cells.

- Anodized aluminum frame.

- Certified box with 2 diodes to minimize the losses by shadowing.

- Possibilty to use them in Building Integrate Photovoltaics (BIPV)

ELECTRICAL DATA.

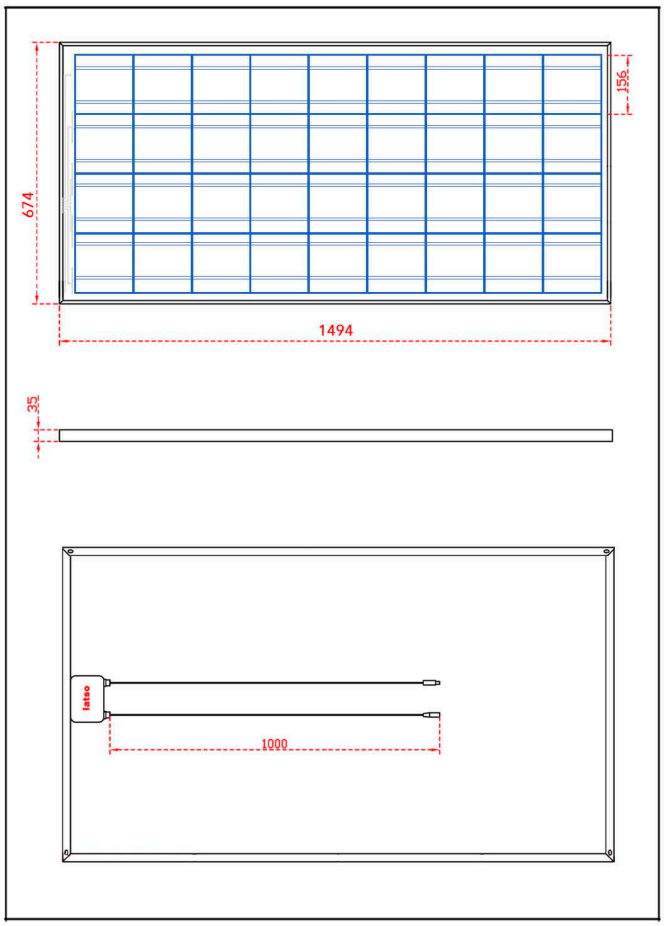
	ITS 125 P636	ITS 130 P636	ITS 135 P636	ITS 140 P636
P_{max} (W)	125±3%	130±3%	135±3%	140±3%
V_{oc} (V)	22,01	22,28	22,55	22,82
I_{sc} (A)	8,05	8,24	8,43	8,62
V_{pm} (V)	16,58	16,83	17,08	17,33
I_{pm} (A)	7,56	7,75	7,94	8,13

Data referred to standard test conditions (STC): 1000 W/m².AM 1,5 25±2ºC

THERMAL CHARACTERISTICS

αP_m	-538 mW/ºC
αV_{oc}	-72,9 mV/ºC
αI_{sc}	+1,890 mA/ºC

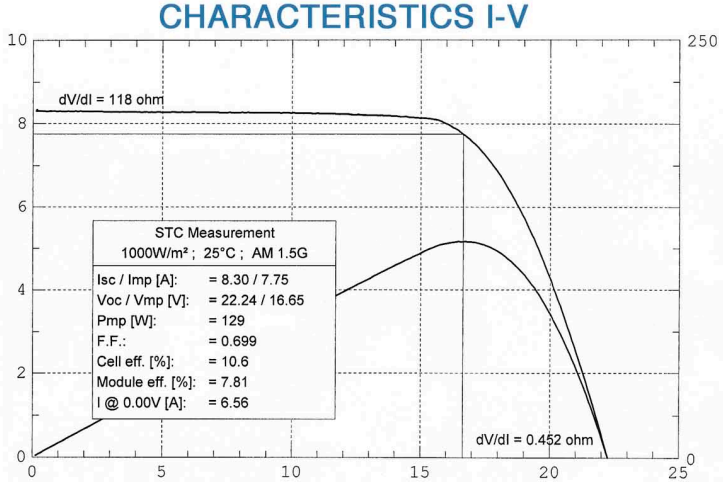
DIMENSIONAL DRAWINGS



PHYSICAL CHARACTERISTICS

Length (mm)	1494
Width (mm)	674
Thickness (mm)	35
Weight (Kg)	10,8
Number of Cells	36
Type of Cells	6 " POLICRISTALLINE
Connection	MC4
Connection box	IP65 (2 diodes)

CHARACTERISTICS I-V



LIMIT VALUES

Maximum system voltage	1.000
Operating temperature	-40ºc + 90ºc
Storage temperature	-40ºc + 90ºc

TÜV NORD CERT GmbH Type Tested EN 61215 / 61730-1 / 61730-2

IATSO continuously improves its products. IATSO reserves the right to modify the product without notice.

CERTIFICATE.

IEC 61215
IEC 61730 1-2.

C/Gabriel Miró,13 - 03440 IBI (Alicante) - ESPAÑA-SPAIN - Tel: +34 96 655 50 63 - Fax: +34 96 655 50 65
info@iatso.es - www.iatso.com -