

POLYCRYSTALLINE 36P

- ◆ TT5-18P (5 Wp) ◆ TT55-36P (55 Wp)
- ◆ TT10-36P (10 Wp) ◆ TT85-36P (85 Wp)
- ◆ TT22-36P (22 Wp) ◆ TT110-36P (110 Wp)
- ◆ TT42-36P (42 Wp) ◆ TT170-36P (170 Wp)



High Conversion Efficiency
High panel efficiency to guarantee high power output



Self-Cleaning And Anti-Reflection Glass
Coating glass for self-cleaning reduces surface dust



Outstanding Low Irradiation Glass
Outstanding panel performance even in weak light conditions



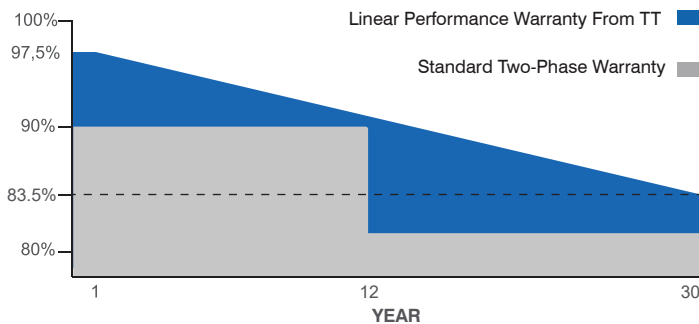
Excellent Durability
Wind load up to 2400 Pa, Snow load up to 5400 Pa



0~+5W Positive Power Tolerance



Easy Installation



✓ 30 Year Performance Warranty ✓ 12 Year Material and Workmanship Warranty



IEC 61215
IEC 61730 - 1 IEC 61730 - 2
IEC 62716 IEC 61701

Model Type	TT5-18P	TT10-36P	TT22-36P	TT42-36P	TT55-36P	TT85-36P	TT110-36P	TT170-36P
Peak Power (P _{max})	5 Wp	10 Wp	22 Wp	42 Wp	55 Wp	85 Wp	110 Wp	170 Wp
Maximum Power Voltage (V _{mp})	9,86	19,73	19,73	19,73	19,73	19,73	19,73	19,73
Maximum Power Current (I _{mp})	0,51	0,51	1,12	2,13	2,83	4,31	5,58	8,62
Open Circuit Voltage (V _{oc})	11,61	23,22	23,22	23,22	23,22	23,22	23,22	23,22
Short Circuit Current (I _{sc})	0,54	0,54	1,19	2,26	3,00	4,51	5,81	9,02
Cell per Module	18(2x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)
Cell Dimensions (mm)	20x78	20x78	39x78	39x157	52,25x157	78x157	97x157	157x157
Panel Dimensions (mm)	204x254x16	364x254x16	365x425x16	680x430x20	680x554x20	680x790x20	680x1025x25	680x1504x30
Weight (kg)	0,68	1,13	1,9	3,32	4,2	5,87	7,53	11,7
Voltage (v)	9V	12V	12V	12V	12V	12V	12V	12V
Operating Temperature	-40 ~ +85°C							

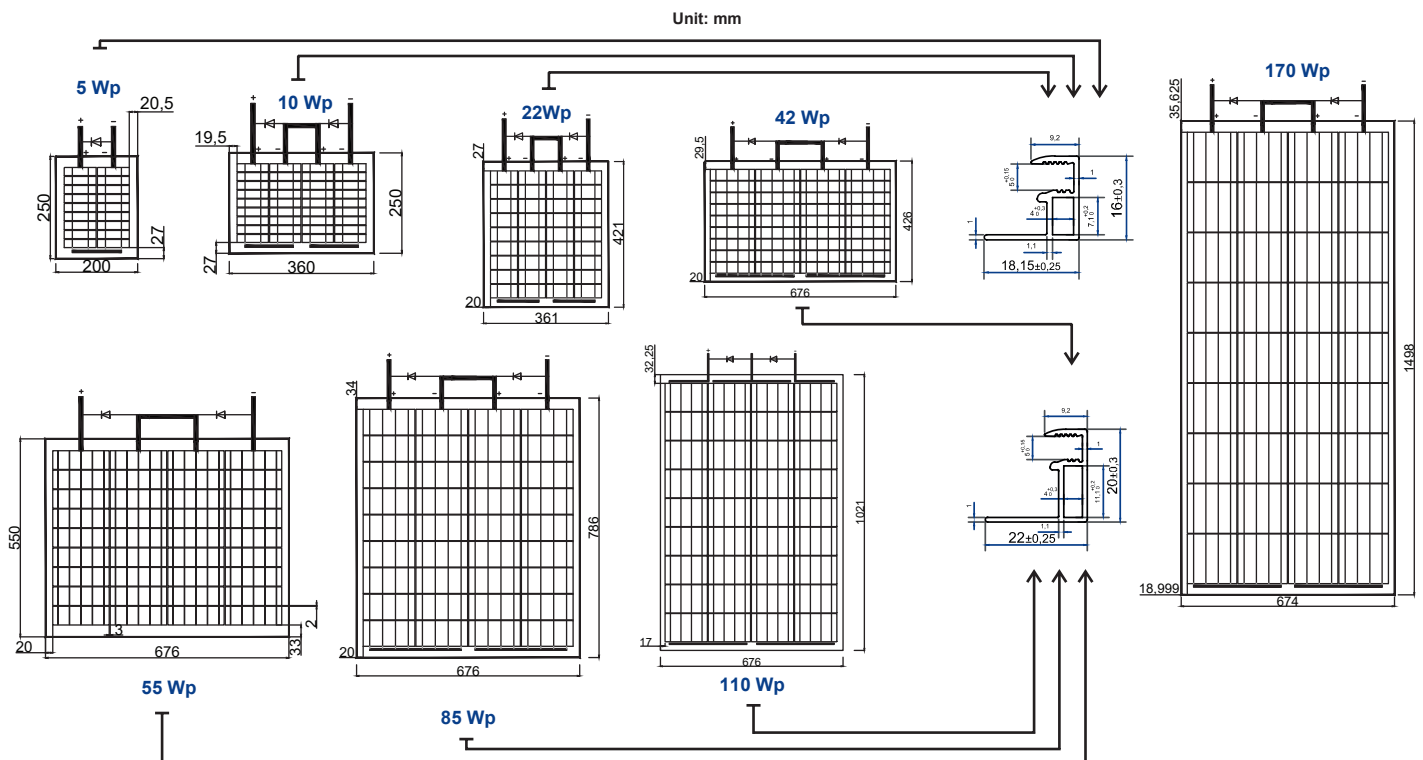
MECHANICAL SPECIFICATIONS

TEMPERATURE CHARACTERISTICS

Solar Glass	3,2mm Low iron, Tempered Glass		
Frame	Anodized Aluminum		
Junction Box	IP65 (5-85 Wp)		
Junction Box	IP67 (110-170 Wp)		
Cable	4mm ²		
Cable Length	55Wp 430mm	85Wp 475mm	170 Wp 1000mm

Temp. Coeff. of I _{sc}	0.06%/°C
Temp. Coeff. of V _{oc}	-0.31%/°C
Temp. Coeff. of P _{max}	-0.38%/°C
Nominal Working Cell Temperature (NOCT)	45°C±2°C

PHYSICAL CHARACTERISTICS



*Note: The specifications are obtained under the standard test conditions: 1000W/m² solar irradiance, 1.5 Air Mass and cell temperature of 25°C. The NOCT is obtained under the Test Conditions 800W/m² solar radiation, ambient temperature 20°C, wind speed 1m/s. Measurement uncertainty for all panels is 6%. The actual transactions will be subject to the contracts. These parameters are for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.