

# PERC MONOCRYSTALLINE 36PM

- ◆ TT6-18PM (6 Wp)    ◆ TT65-36PM (65 Wp)
- ◆ TT12-36PM (12 Wp)    ◆ TT100-36PM (100 Wp)
- ◆ TT25-36PM (25 Wp)    ◆ TT135-36PM (135 Wp)
- ◆ **TT50-36PM (50 Wp)**    ◆ TT200-36PM (200 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



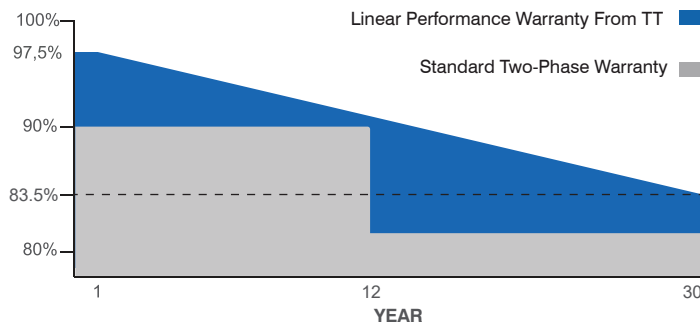
**Excellent Durability**  
Wind load up to 2400 Pa, Snow load up to 5400 Pa



**0~+5W Positive Power Tolerance**



**Easy Installation**



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

Model Type	TT6-18PM	TT12-36PM	TT25-36PM	TT50-36PM	TT65-36PM	TT100-36PM	TT135-36PM	TT200-36PM
Peak Power (P <sub>max</sub> )	6 Wp	12 Wp	25 Wp	50 Wp	65 Wp	100 Wp	135 Wp	200 Wp
Maximum Power Voltage (V <sub>mp</sub> )	10,30	20,60	20,60	20,60	20,60	20,60	20,60	20,60
Maximum Power Current (I <sub>mp</sub> )	0,61	0,61	1,22	2,43	3,25	4,86	6,50	9,71
Open Circuit Voltage (V <sub>oc</sub> )	12,02	24,05	24,05	24,05	24,05	24,05	24,05	24,05
Short Circuit Current (I <sub>sc</sub> )	0,64	0,64	1,28	2,57	3,42	5,13	6,85	10,20
Cell per Module	18(2x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)
Cell Dimensions (mm)	79.375x20	79.375x20	79.275x39.7	158.75x39.7	158.75x53	158.75x79.375	158.75x106	158.75x158.75
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

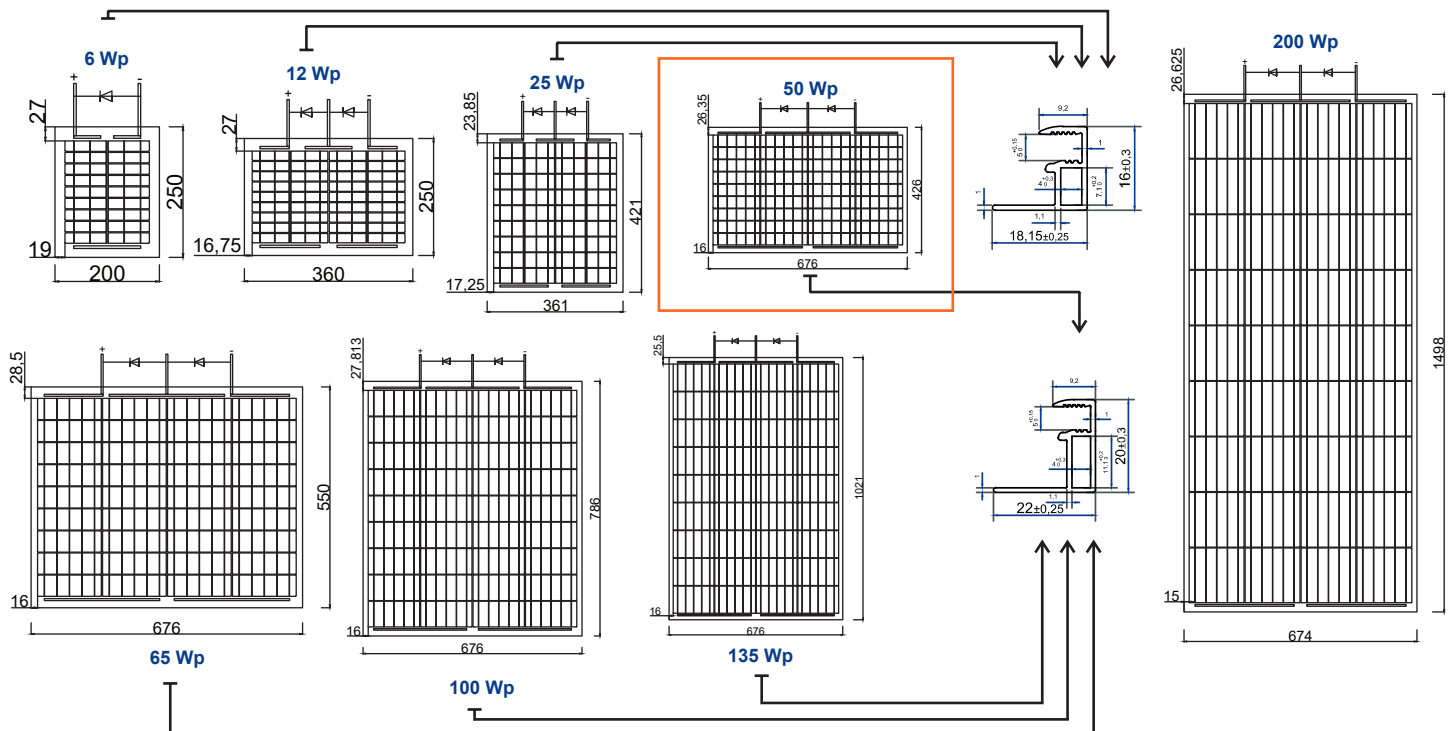
Solar Glass	3,2mm Low iron, Tempered Glass		
Frame	Anodized Aluminum		
Junction Box	IP65 (6-100 Wp)		
Junction Box	IP67 (135-200 Wp)		
Cable	4mm <sup>2</sup>		
Cable Length	65Wp 430mm	135Wp 475mm	200 Wp 1000mm

### TEMPERATURE CHARACTERISTICS

Temp. Coeff. of I <sub>sc</sub>	0.048%/°C
Temp. Coeff. of V <sub>oc</sub>	-0.28%/°C
Temp. Coeff. of P <sub>max</sub>	-0.37%/°C
Nominal Working Cell Temperature (NOCT)	45°C±2°C

### PHYSICAL CHARACTERISTICS

Unit: mm



\*Note: The specifications are obtained under the standard test conditions: 1000W/m<sup>2</sup> solar irradiance, 1.5 Air Mass and cell temperature of 25°C. The NOCT is obtained under the Test Conditions 800W/m<sup>2</sup> 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.