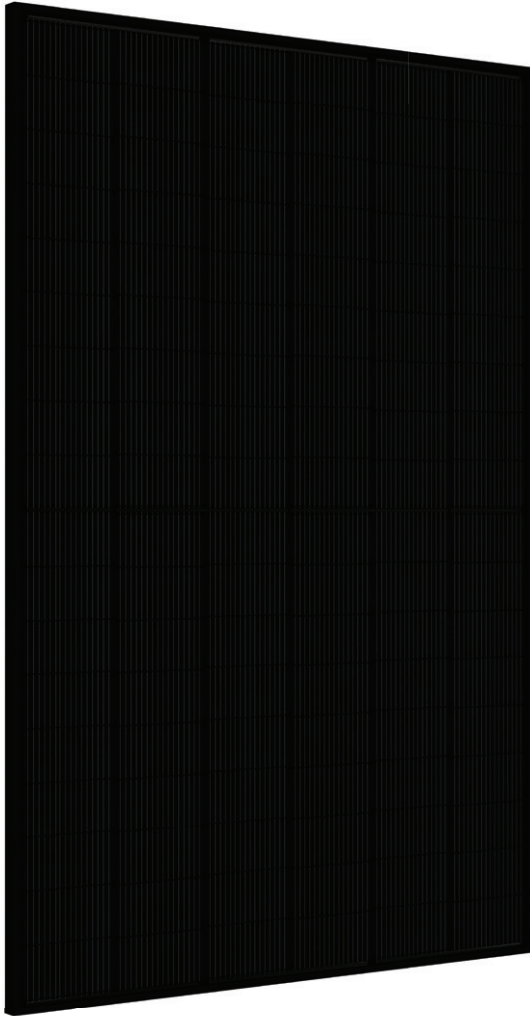


**PERC MONOCRYSTALLINE  
108PM10**

108<sub>cell</sub>



**Half-Cut**  
Multi-BB  
**DARK SERIES**



**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.

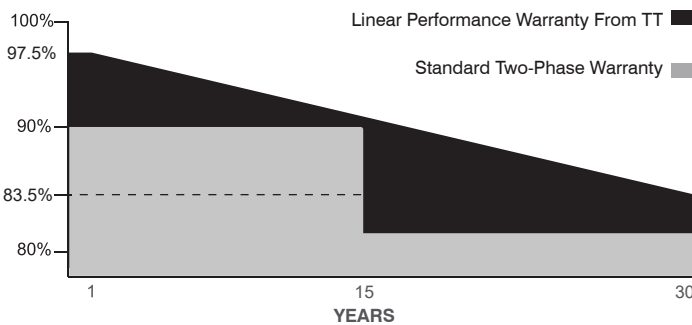


**Outstanding Low Irradiation Glass**

Outstanding panel performance even in weak light conditions.



**Easy Installation**



✓ 30 Years Performance Warranty    ✓ 15 Years Product Warranty



IEC 61215, IEC 61730-1, IEC 61730-2  
IEC 62804 PID (POTENTIAL INDUCED DEGRADATION)  
IEC 61701 SALT MIST CORROSION  
IEC 62716 AMMONIA CORROSION  
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

SOMPO SIGORTA

# DARK SERIES

## 108PM10

<b>Peak Power (Pmax)</b>
<b>Module Efficiency (%)</b>
<b>Maximum Power Voltage (Vmp)</b>
<b>Maximum Power Current (Imp)</b>
<b>Open Circuit Voltage (Voc)</b>
<b>Short Circuit Current (Isc)</b>
<b>Power Tolerance</b>
<b>Maximum System Voltage</b>
<b>Operating Temperature</b>
<b>Protection Class</b>
<b>Maximum Series Fuse Rating</b>

### MECHANICAL SPECIFICATION

<b>Cell Dimensions (mm)</b>
<b>Cells per Module (pcs)</b>
<b>Weight (kg)</b>
<b>Panel Dimensions (mm)</b>
<b>Max. Wind/Snow Load (Pa)</b>
<b>Junction Box</b>
<b>Junction Box Cable Length (mm)</b>

	<b>TT395 108PM10</b>	<b>TT400 108PM10</b>	<b>TT405 108PM10</b>	<b>TT410 108PM10</b>
Peak Power (Pmax)	395 Wp	400 Wp	405 Wp	410 Wp
Module Efficiency (%)	20.23	20.48	20.74	21.00
Maximum Power Voltage (Vmp)	30.90	31.10	31.30	31.50
Maximum Power Current (Imp)	12.79	12.86	12.94	13.02
Open Circuit Voltage (Voc)	36.90	37.10	37.40	37.60
Short Circuit Current (Isc)	13.62	13.70	13.77	13.85
Power Tolerance	0~+5W			
Maximum System Voltage	1500V DC			
Operating Temperature	-40 ~ +85°C			
Protection Class	Class II			
Maximum Series Fuse Rating	25A			
Cell Dimensions (mm)	182x91			
Cells per Module (pcs)	108 (6x18)			
Weight (kg)	22.0			
Panel Dimensions (mm)	1722x1134x30			
Max. Wind/Snow Load (Pa)	2400/5400			
Junction Box	IP68			
Junction Box Cable Length (mm)	350-1600			

### TEMPERATURE CHARACTERISTICS

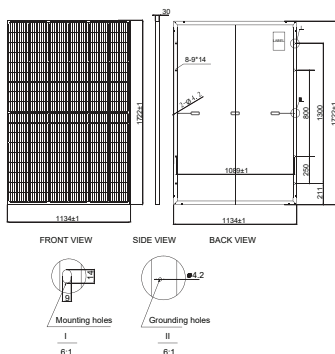
<b>Temp. Coeff. of (Isc)</b>	0.050%/°C
<b>Temp. Coeff. of (Voc)</b>	-0.270%/°C
<b>Temp. Coeff. of (Pmax)</b>	-0.350%/°C

### PACKING CONFIGURATION

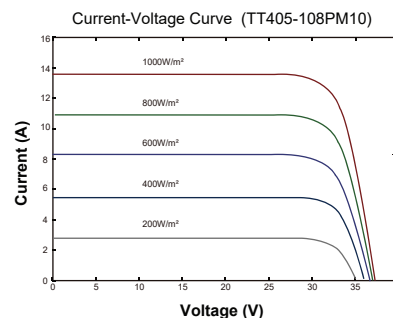
Container 40' GP

<b>Pieces per Pallet</b>	36
<b>Pieces per Container</b>	936
<b>Pallets per Container</b>	26

### PHYSICAL CHARACTERISTICS



### ELECTRICAL CHARACTERISTICS



\*The specifications are obtained under the standard test conditions: 1000W/m2 solar irradiance, 1.5 Air Mass and cell temperature of 25°C. 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 technical specifications in this document may vary. For more information, refer to the "Installation Manual".

\* For roof, facades and installations on similar surfaces, solar panels should be mounted over a fire-resistant covering suitable for this application, with adequate ventilation between the back of the solar panels and the mounting surface. Improper installations are hazardous and may spark a fire. Solar panels must not be mounted on structures and roofs which are made of not fire-resistant materials such as plastic layer, transparent plastic, PVC or similar materials without any fire-protection layer. Usage and installation not in accordance with the guidelines as outlined in the installation manual will terminate the warranty. Please refer to the installation manual and the warranty documents for further details.

\* Please note that the color of PERC monocrystalline cells might vary slightly due to their natural structure. Consequently, there might be a color difference between the cells and between the cells and the backsheet.

\* TommaTech® GmbH reserves the right to change the specification of products without prior notice.

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