

### PERC MONOCRYSTALLINE • 156PM10

## Half Cut



#### 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

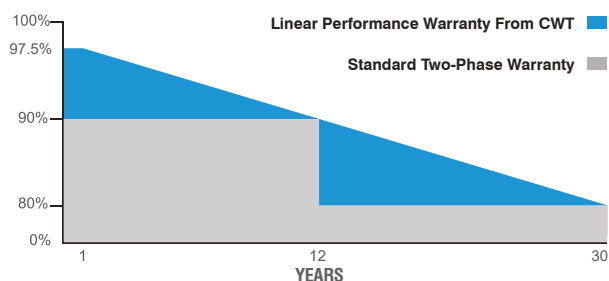
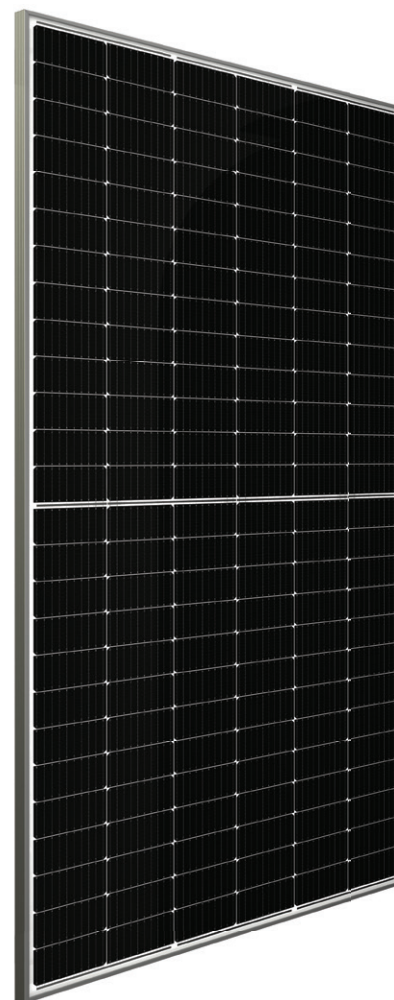
Wind load up to 2400 Pa, Snow load up to 5400 Pa



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



#### Easy Installation



30 Years Performance Warranty



12 Years Product Warranty

CWT575-156PM10 575 Wp

CWT580-156PM10 580 Wp

CWT585-156PM10 585 Wp

CWT590-156PM10 590 Wp

CWT595-156PM10 595 Wp

**30**  
YEARS  
PERFORMANCE  
WARRANTY



SOMPO SiGORTA



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

# PERC MONOCRYSTALLINE ■ 156PM10 Half-Cut

## ELECTRICAL CHARACTERISTICS

Model Type	CWT575 156PM10	CWT580 156PM10	CWT585 156PM10	CWT590 156PM10	CWT595 156PM10
Peak Power (P <sub>max</sub> )	575 Wp	580 Wp	585 Wp	590 Wp	595 Wp
Module Efficiency	20.78	20.96	21.14	21.32	21.50
Maximum Power Voltage (V <sub>mp</sub> )	45.00	45.20	45.40	45.60	45.80
Maximum Power Current (I <sub>mp</sub> )	12.78	12.84	12.89	12.94	12.99
Open Circuit Voltage (V <sub>oc</sub> )	53.50	53.70	53.90	54.10	54.30
Short Circuit Current (I <sub>sc</sub> )	13.61	13.67	13.73	13.78	13.84
Power Tolerance	0~+5W				
Maximum System Voltage	1500V DC				
Operating Temperature	-40 ~ +85°C				
Protection Class	Class II				
Maximum Series Fuse Rating	25A				

## MECHANICAL SPECIFICATIONS

Cell Dimensions(mm)	182x91
Cells per Module(pcs)	156 (26x6)
Weight(kg)	31.0
Panel Dimensions(mm)	2438x1135x35
Max. Wind/Snow Load(Pa)	2400/5400
Junction Box	IP68
Junction Box Cable Length(mm)	300-1200

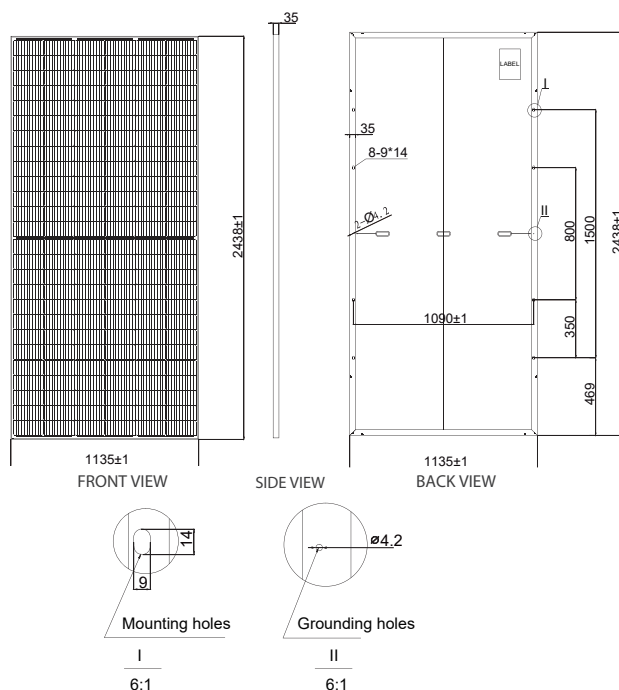
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of (I <sub>sc</sub> )	0.050%/°C
Temp. Coeff. of (V <sub>oc</sub> )	-0.270%/°C
Temp. Coeff. of (P <sub>max</sub> )	-0.350%/°C

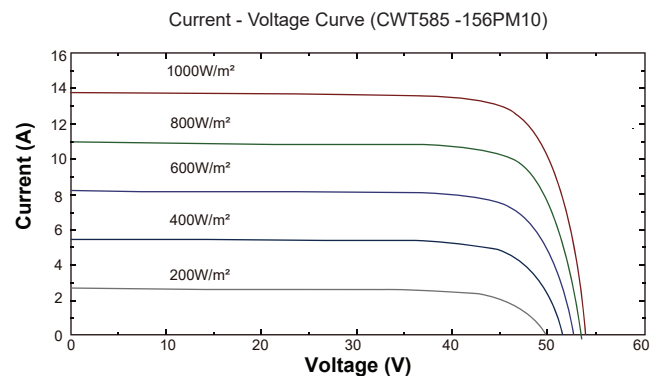
## PACKING CONFIGURATION

Container	40' GP
Pieces per Pallet	30
Pieces Per Container	540
Pallet Per Container	18

## PHYSICAL CHARACTERISTICS



## ELECTRICAL CHARACTERISTICS



\*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. Measurement uncertainty for all panels is 3%. The actual values will be subject to the contracts. These parameters are for reference only not a part of the contracts. The specifications are subject to change without prior notice.

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