

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

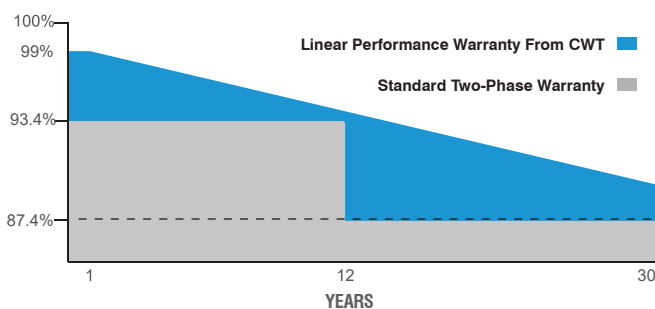
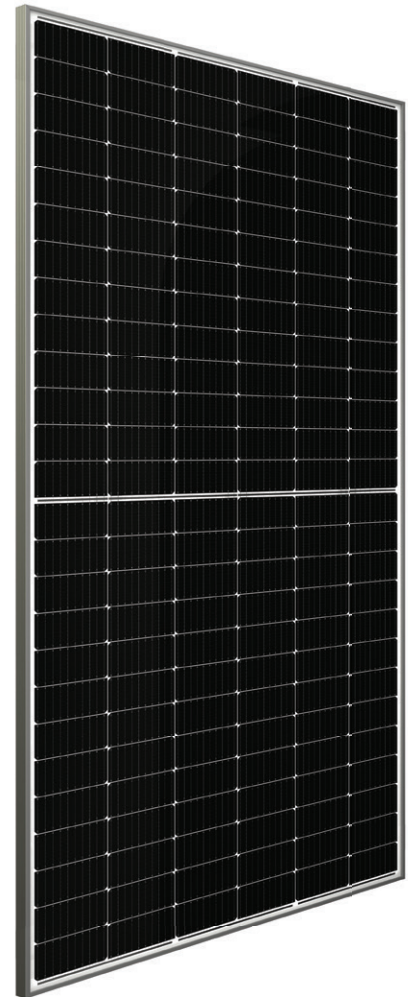
Wind load up to 2400 Pa, Snow load up to 5400 Pa



### 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



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 (Pmax)	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 (Vmp)	45.00	45.20	45.40	45.60	45.80
Maximum Power Current (Imp)	12.78	12.84	12.89	12.94	12.99
Open Circuit Voltage (Voc)	53.50	53.70	53.90	54.10	54.30
Short Circuit Current (Isc)	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

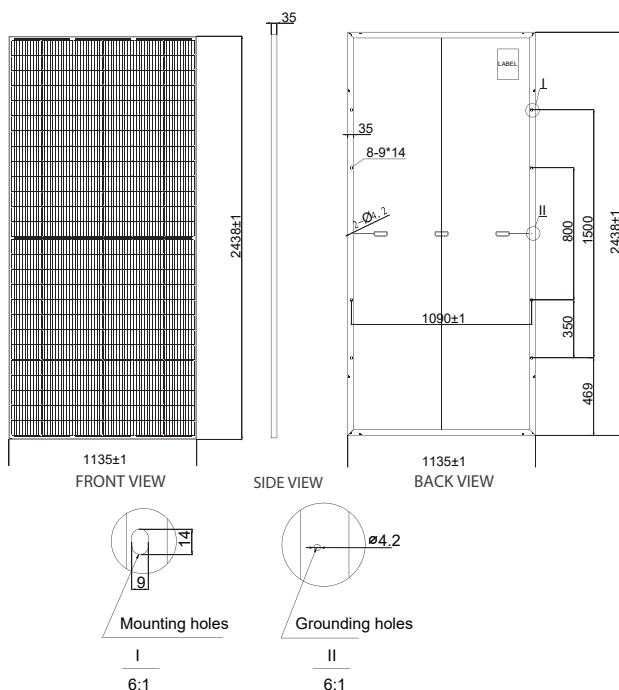
## TEMPERATURE CHARACTERISTICS

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

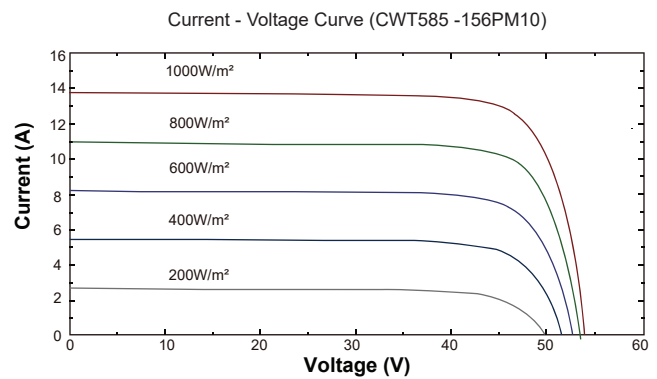
## PACKING CONFIGURATION

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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