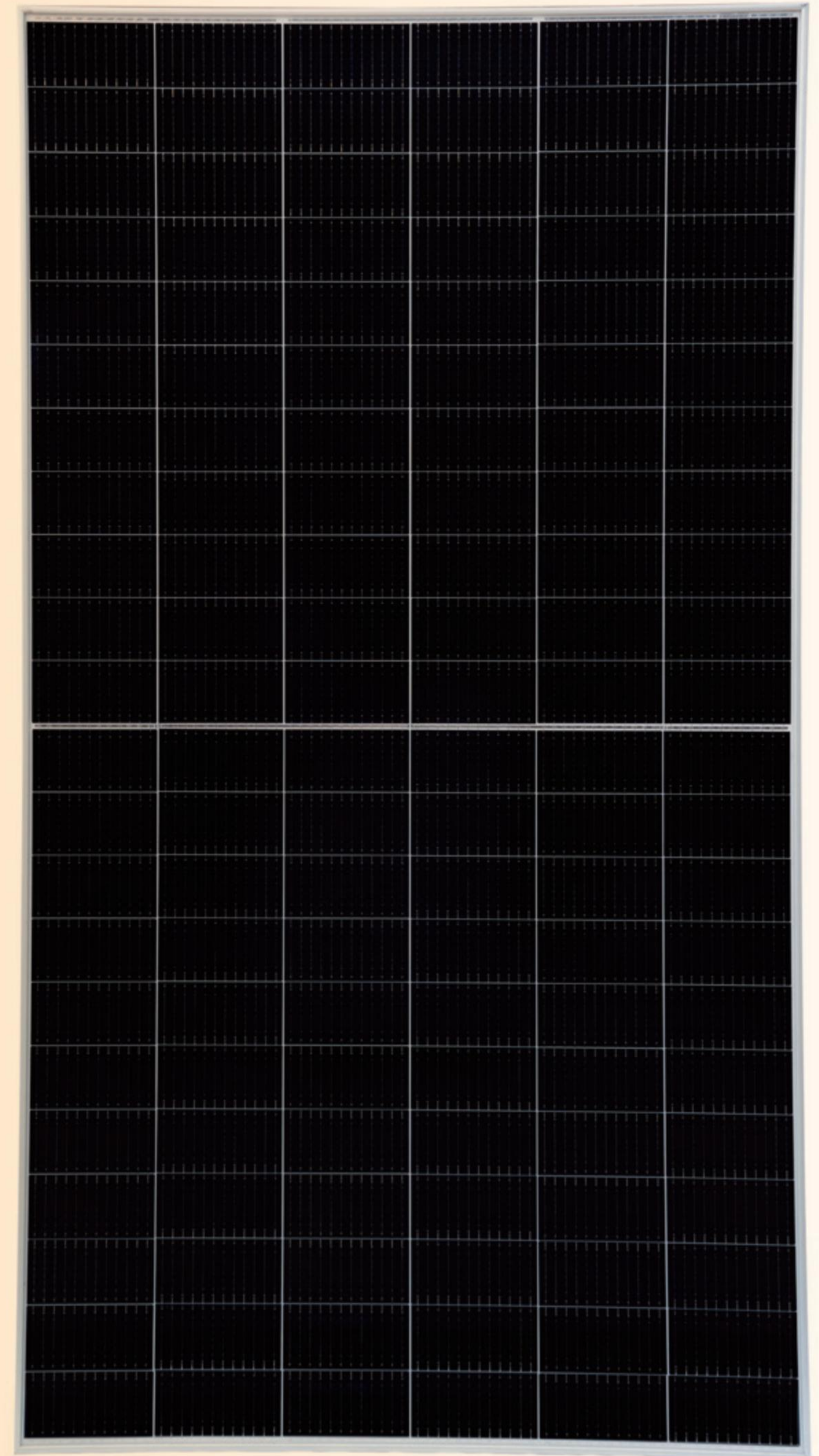


# G12 MBB Mono Module

120 Half Cells

Sliver frame or black frame



12 Years Product warranty

25 Years Linear power warranty

Integrated Solar Manufacturing & Technology Since 1964

**585-605W**

Output power

**21.4%**

Maximum efficiency

**0~+5W**

Power tolerance

### Better Performance

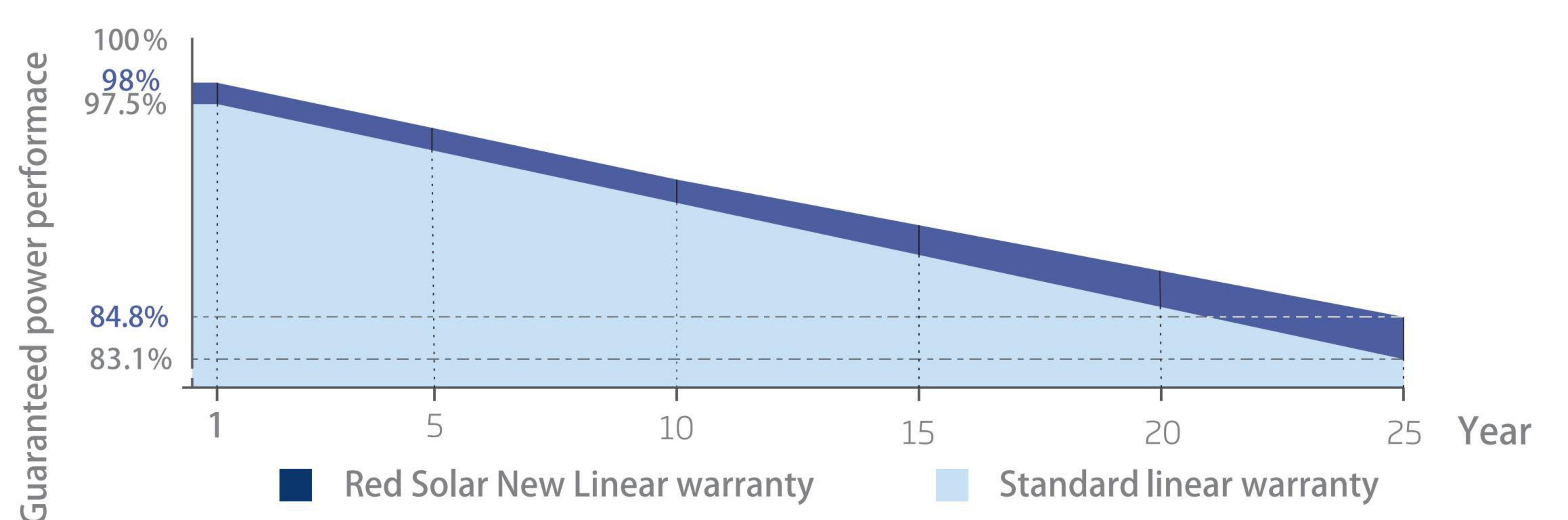
Lower Heat Loss of Internal- resistance

### Better Reliability

Reduce Shading & Risk of Micro Crack

### Design for Harsh Environment

Resistant to Salt, Ammonia, Dust & Sand

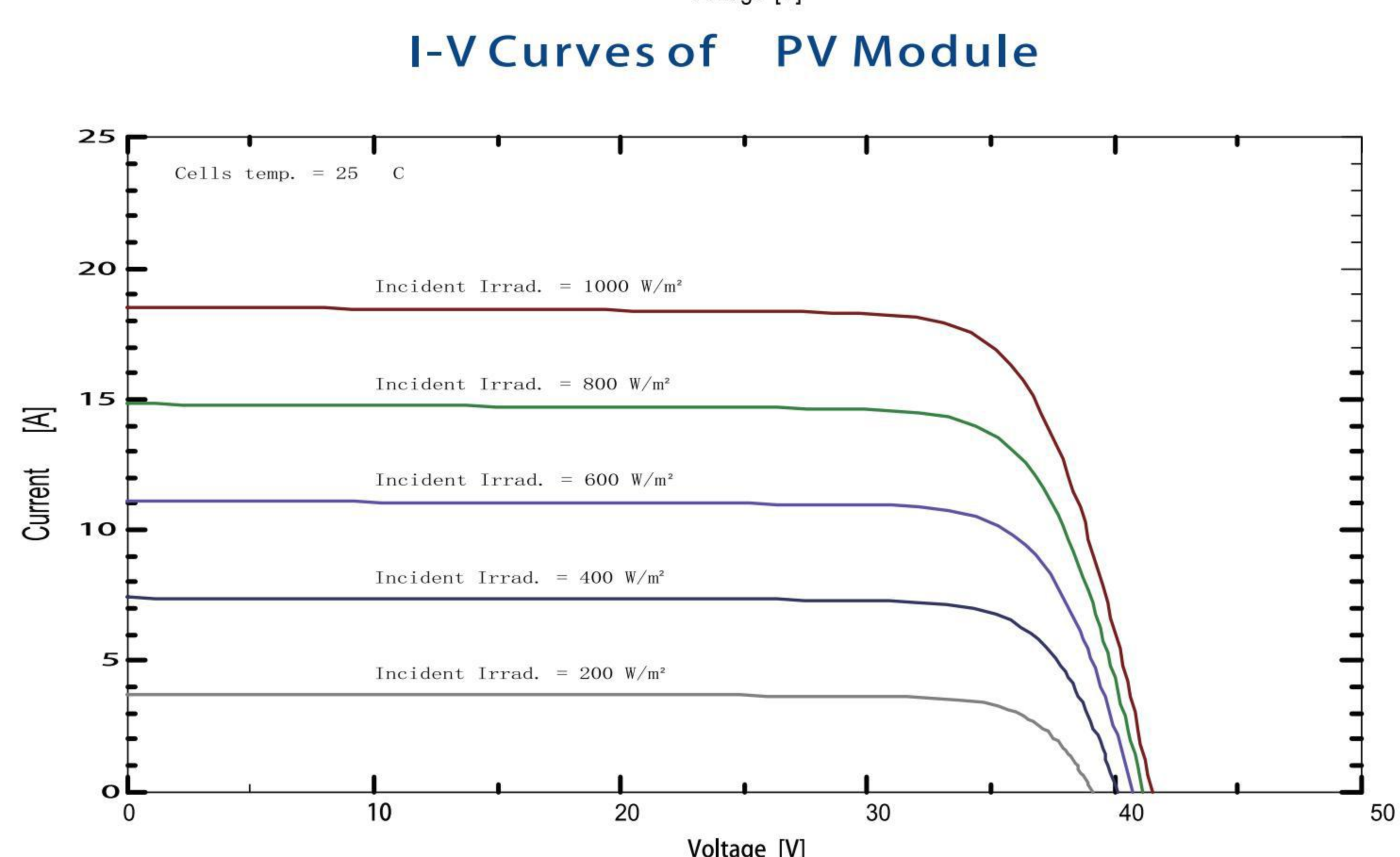
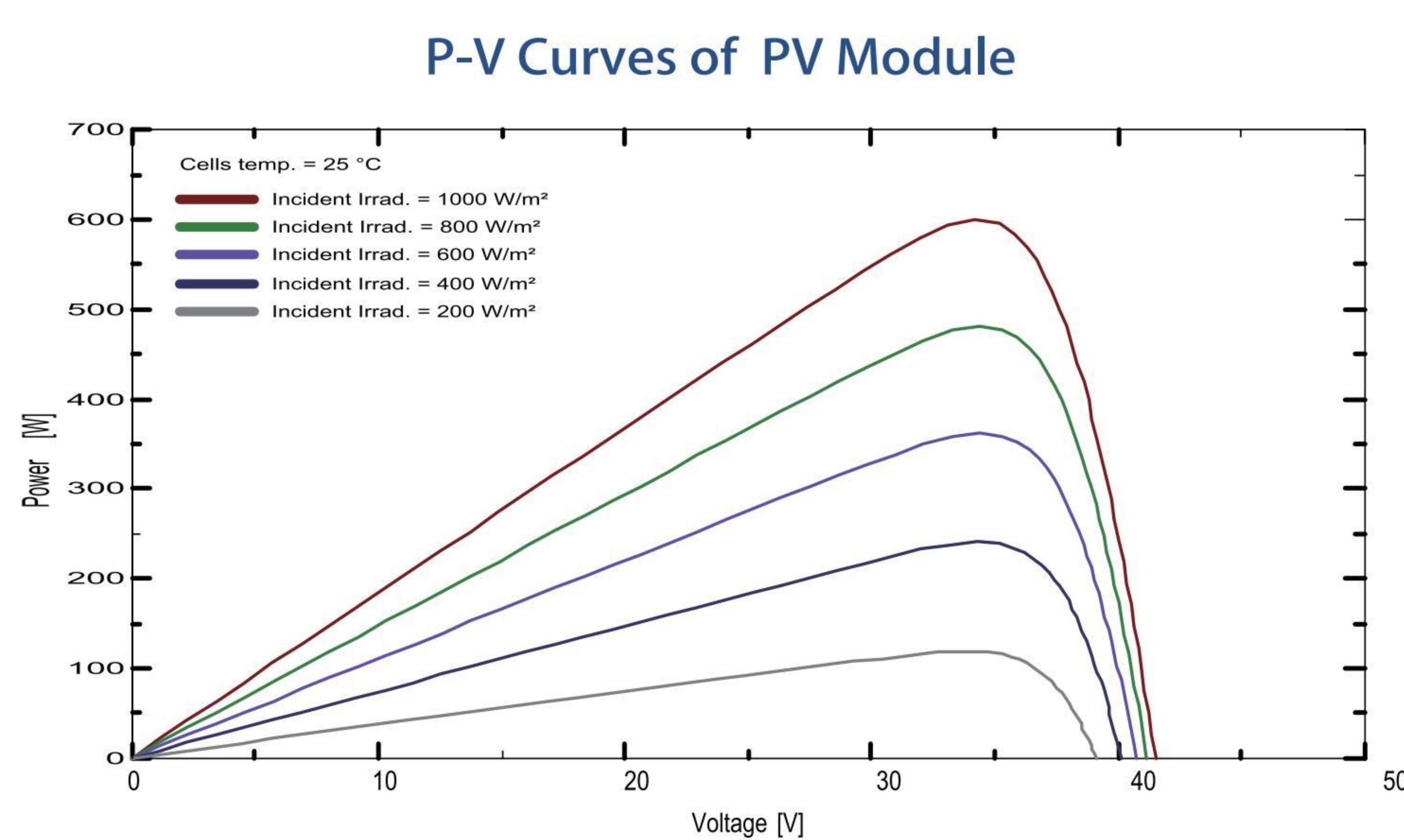


Electrical Parameter(STC)					
Model	585M	590M	595M	600M	605M
Maximum power	585	590	595	600	605
Working point voltage	33.8	34.0	34.2	34.4	34.6
Working point current	17.31	17.35	17.40	17.44	17.49
Open circuit voltage	41.58	41.76	41.96	42.15	42.31
Short circuit current	18.31	18.36	18.41	18.46	18.51
PV module efficiency	20.7%	20.9%	21.1%	21.2%	21.4%
Standard test conditions	AM1.5, Irradiance 1000w/m <sup>2</sup> , Cell Temperature 25°C				

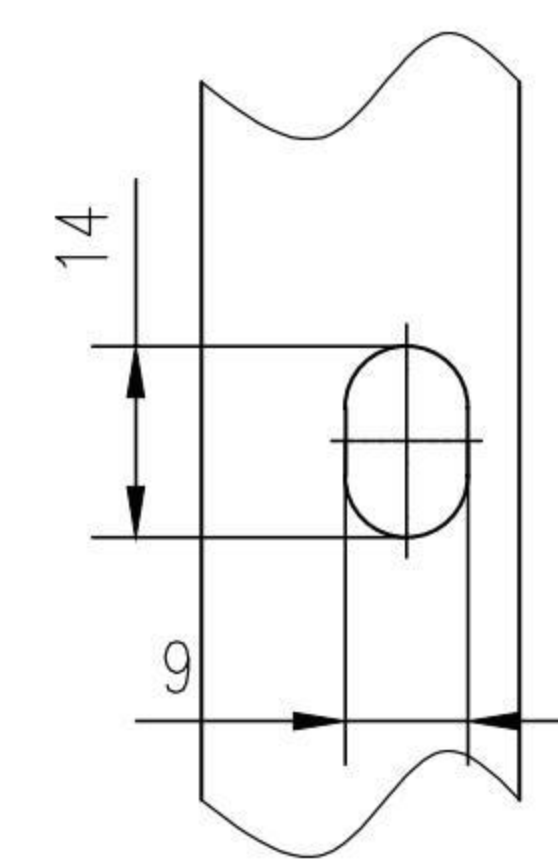
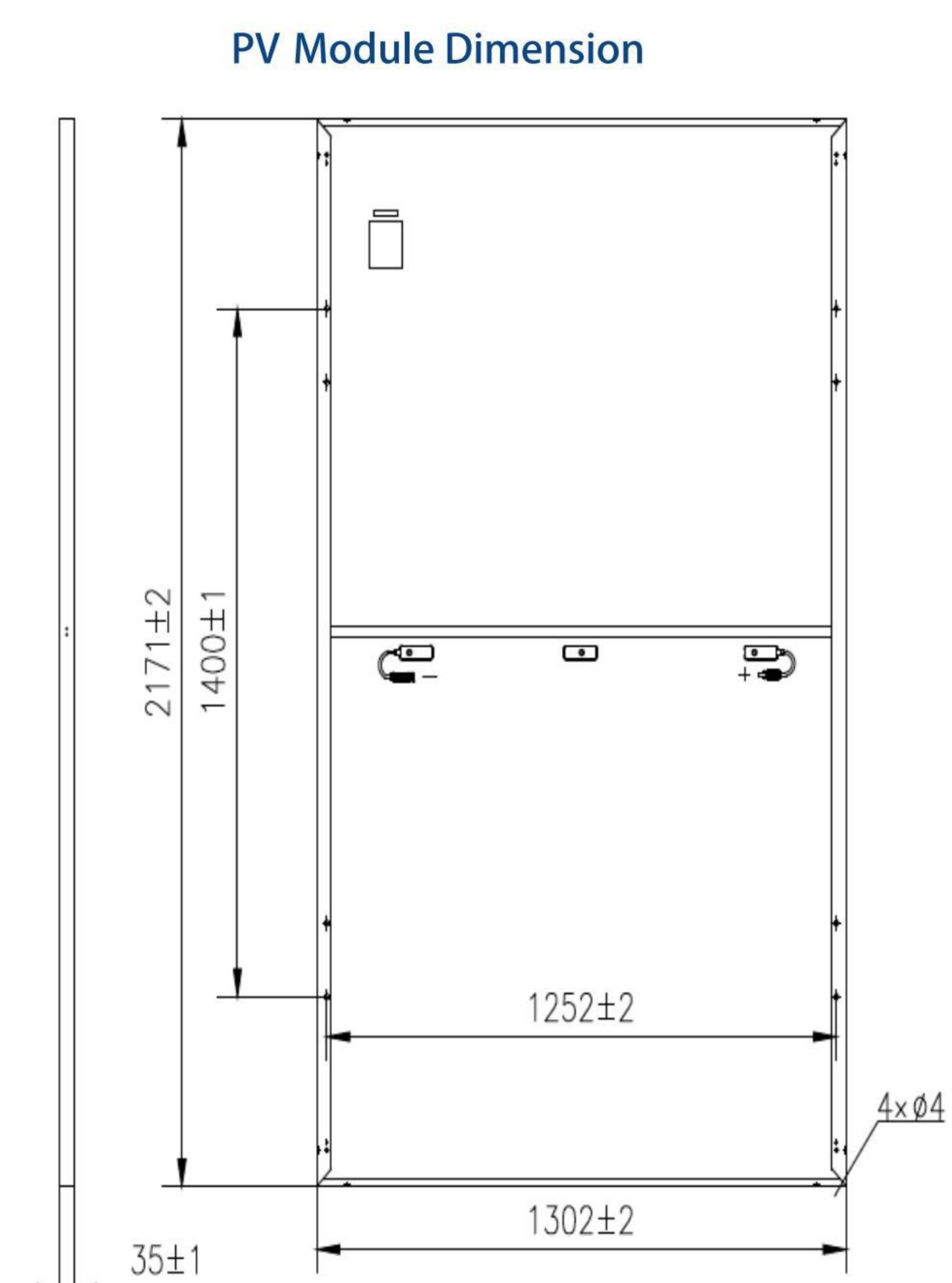
Electrical Parameter(NMOT)					
Model	585M	590M	595M	600M	605M
Maximum power	443	447	451	454	458
Working point voltage	31.5	31.7	31.9	32.0	32.27
Working point current	14.05	14.09	14.13	14.18	14.22
Open circuit voltage	38.5	38.7	38.9	39.1	39.3
Short circuit current	14.81	14.85	14.88	14.92	14.96

NMOT The irradiance is 800W/m<sup>2</sup>, the ambient temperature is 20 degrees, and the wind speed is 1m/s

The Electrical performance parameters are neither just referred to one PV panel, nor are a part of the contract; They are only used as reference.



Model of PV Module Power Range  
CETC-xxxM(H)/120 | 585-605W



### Mechanical Parameters

Module size	2171*1302*35mm
Number of solar cells	120(2*6*10)
Weight	30.9Kg ±5%
Junction Box	IP68, 3 diodes
Cables	4mm <sup>2</sup> , 300mm, (Customizable)
Front plate glass	Ultra white AR coated toughened glass
Static load on the front	5400Pa
Static load on the back	2400Pa

### Packaging&Transport

40'HQ container transport	31 Pcs/box × 18 box = 558 Pcs
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### Temperature Parameter

NMOT	45±2°C
Pmax	-0.34%/°C
Voc	-0.25%/°C
Isc	+0.04%/°C

### Maximum Ratings

Working temperature	-40~+85°C
Maximum system voltage	1500VDC
Maximum fuse rated current	30A