

G12 MBB Mono Module

132 Half Cells

Sliver frame or black frame

12 Years Product warranty

25 Years Linear power warranty

Integrated Solar Manufacturing & Technology Since 1964



650-670W

Output power

21.6%

Maximum efficiency

0~+5W

Power tolerance

Better Performance

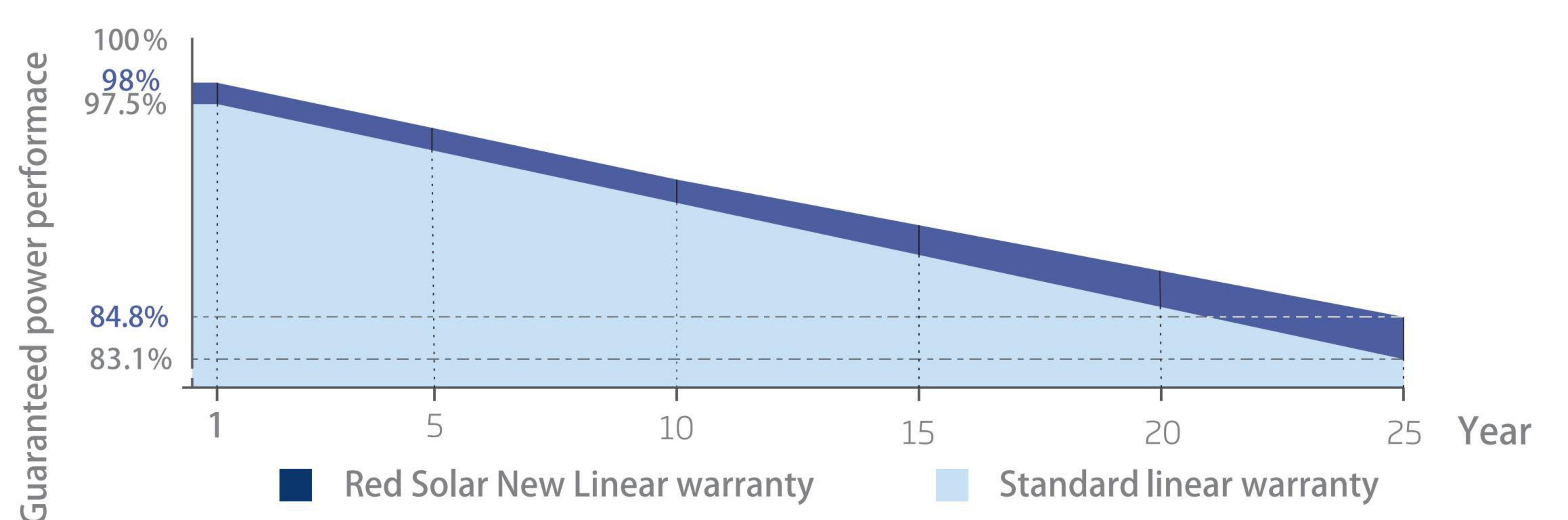
Lower Heat Loss of Internal- resistance

Better Reliability

Reduce Shading & Risk of Micro Crack

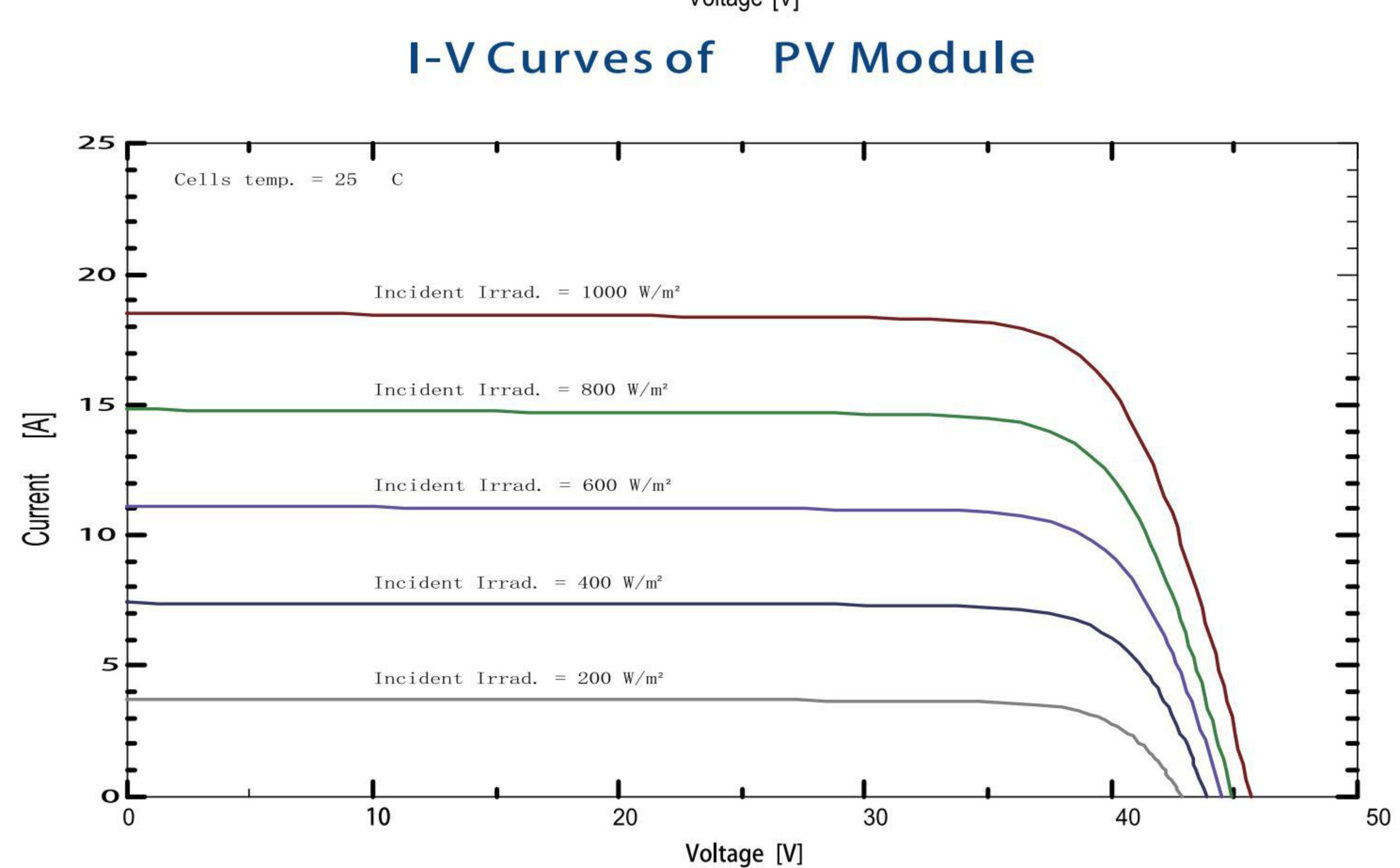
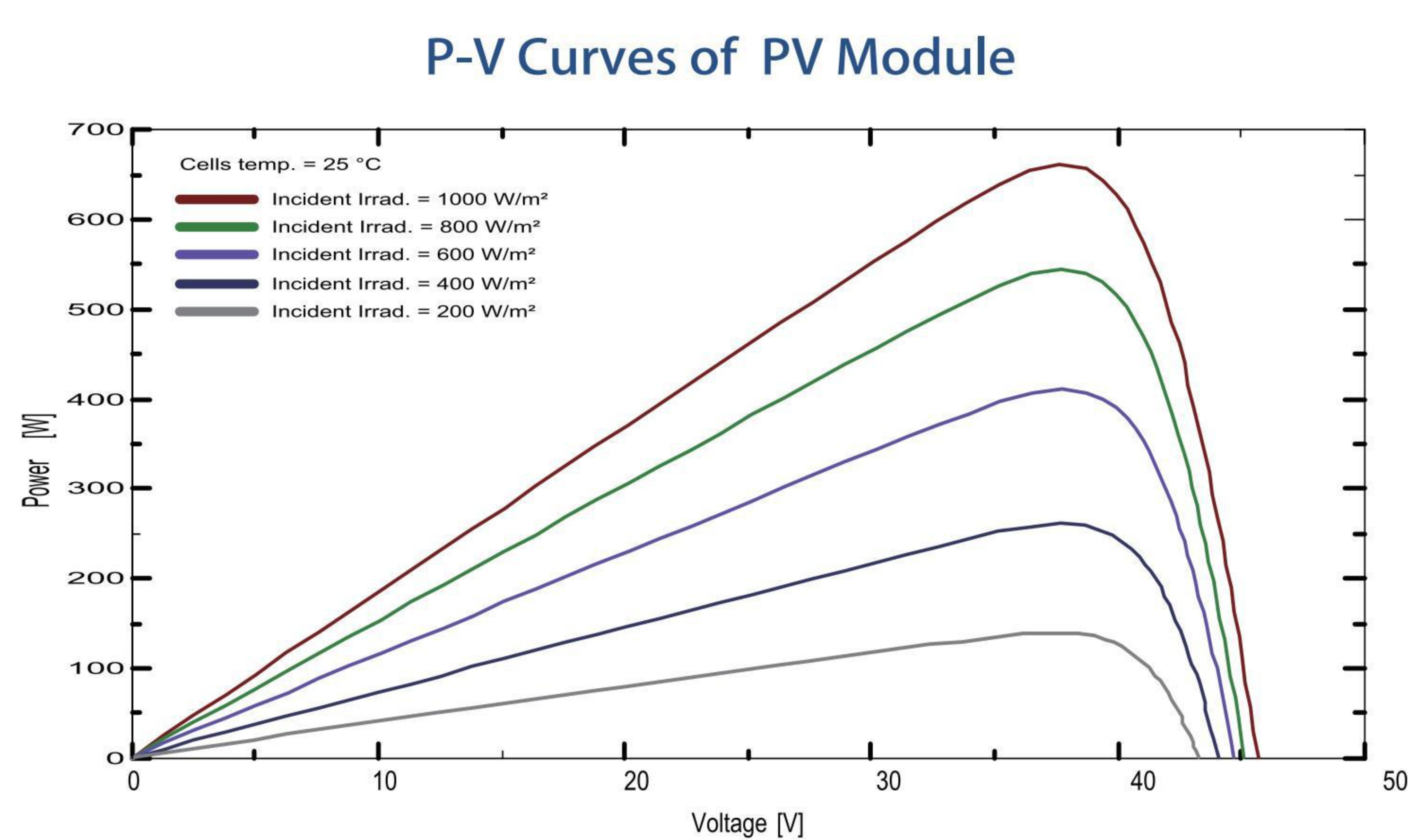
Design for Harsh Environment

Resistant to Salt, Ammonia, Dust & Sand

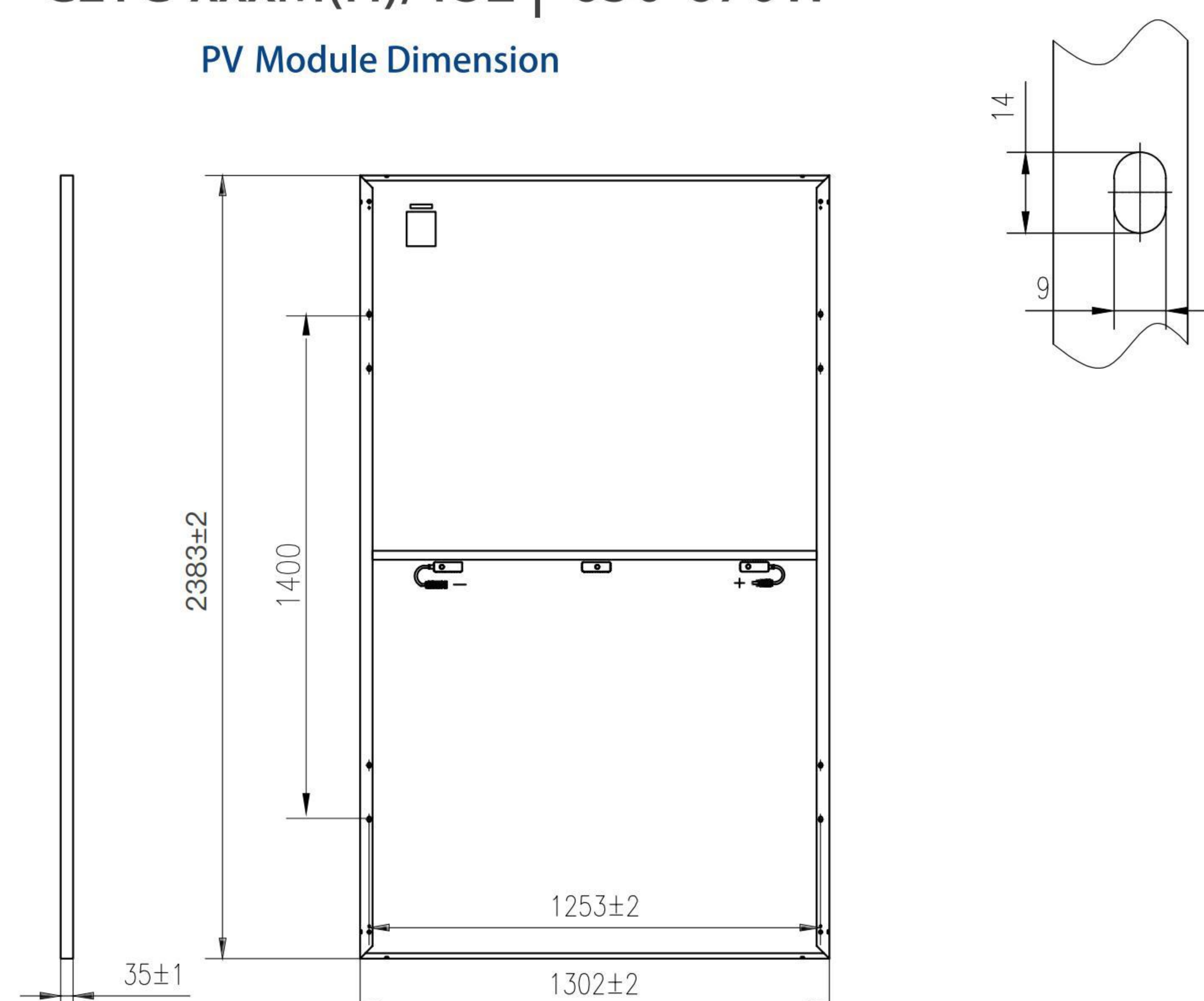


Electrical Parameter(STC)					
Model	650M	655M	660M	665M	670M
Maximum power	650	655	660	665	670
Working point voltage	37.44	37.62	37.80	37.97	38.15
Working point current	17.36	17.41	17.46	17.51	17.56
Open circuit voltage	45.94	46.16	46.36	46.54	46.71
Short circuit current	18.37	18.42	18.47	18.52	18.57
PV module efficiency	20.95%	21.11%	21.27%	21.43%	21.59%
Standard test conditions	AM1.5, Irradiance 1000w/m ² , Cell Temperature 25°C				

Electrical Parameter(NMOT)					
Model	650M	655M	660M	665M	670M
Maximum power	487	491	495	499	503
Working point voltage	35.5	35.7	36.9	36.1	363
Working point current	13.74	13.76	13.79	13.82	13.85
Open circuit voltage	42.5	42.7	42.9	43.1	43.3
Short circuit current	14.88	14.92	14.96	15.00	15.04
NMOT	The irradiance is 800W/m ² , 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)/132 | 650-670W
PV Module Dimension



Mechanical Parameters	
Module size	2383*1302*35mm
Number of solar cells	132(2*6*11)
Weight	34.3Kg ±5%
Junction Box	IP68, 3 diodes
Cables	4mm ² , 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

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

