

Half Cell Mono PERC

WHM60H 355W-375W



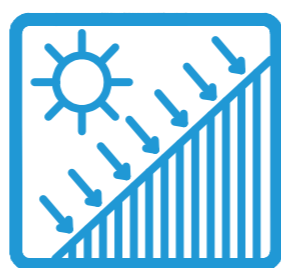
High Conversion Efficiency

The leading module conversion efficiency, Up to 19.8%



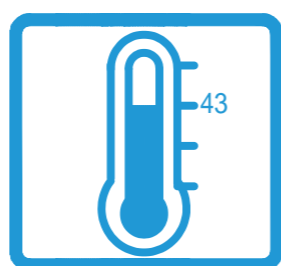
High Reliability

Passed 3*IEC standard test



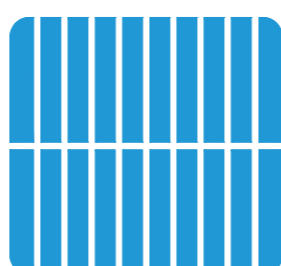
Low Hot-spot Effect

1/2 current, reduce the hot spot temperature



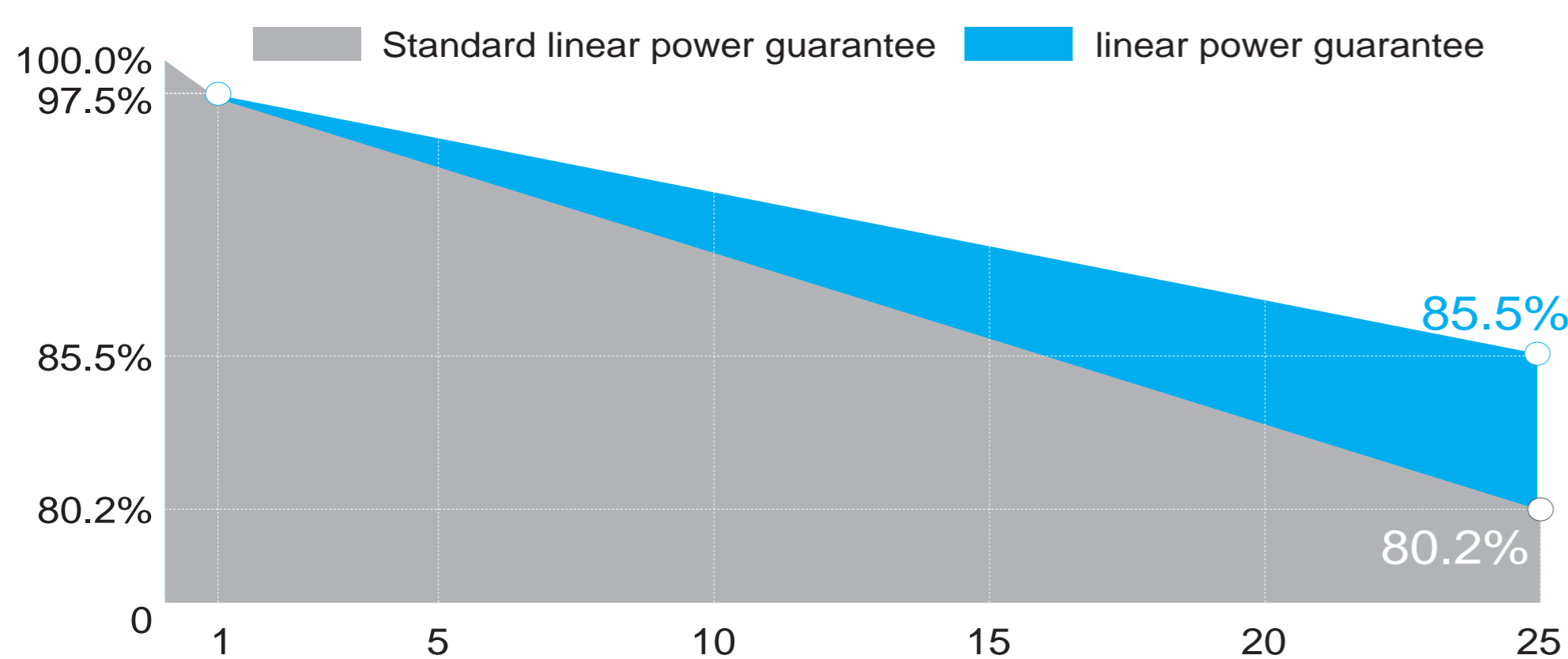
Low Work Temperature

Work temperature less than 43°C, improve the power generation efficiency



Half Cell, MBB Technology

Series-then-parallel cell connection design, high reliable welding technology



-2.50% First year power degradation

-0.50% Power degradation per year



Materials and workmanship warranty



Power linear warranty

Product And Quality Certifications

- IEC 61215, IEC 61730
- ISO 9001:2015 Quality Management System
- ISO 14001:2015 Environmental Management System
- ISO 45001:2018 EHS Management System
- IEC TS 62941:2016 Terrestrial photovoltaic (PV) modules. Guideline for increased confidence in PV module design qualification and type approval



Half Cell Mono PERC WHM60H 355W-375W

Electrical Parameters (STC*)

Module Type	WH120P-375	WH120P-370	WH120P-365	WH120P-360	WH120P-355
Nominal Max. Power(Pmax/W)	375	370	365	360	355
Open Circuit Voltage(Voc/V)	41.85	41.65	41.45	41.25	41.05
Short Circuit Current(Isc/A)	11.18	11.10	11.02	10.94	10.86
Operating Voltage(Vmp/V)	34.91	34.70	34.49	34.28	34.06
Operating Current(Imp/A)	10.74	10.66	10.58	10.50	10.42
Module Efficiency(%)	20.4	20.1	19.8	19.6	19.3

STC* (Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

Electrical Parameters (NMOT*)

Module Type	WH120P-375	WH120P-370	WH120P-365	WH120P-360	WH120P-355
Nominal Max. Power(Pmax/W)	276	272	268	265	261
Open Circuit Voltage(Voc/V)	38.71	38.53	38.34	38.16	37.97
Short Circuit Current(Isc/A)	9.01	8.95	8.88	8.82	8.75
Operating Voltage(Vmp/V)	32.13	31.89	31.68	31.55	31.29
Operating Current(Imp/A)	8.59	8.53	8.46	8.40	8.34

NMOT* (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s

Mechanical Parameters

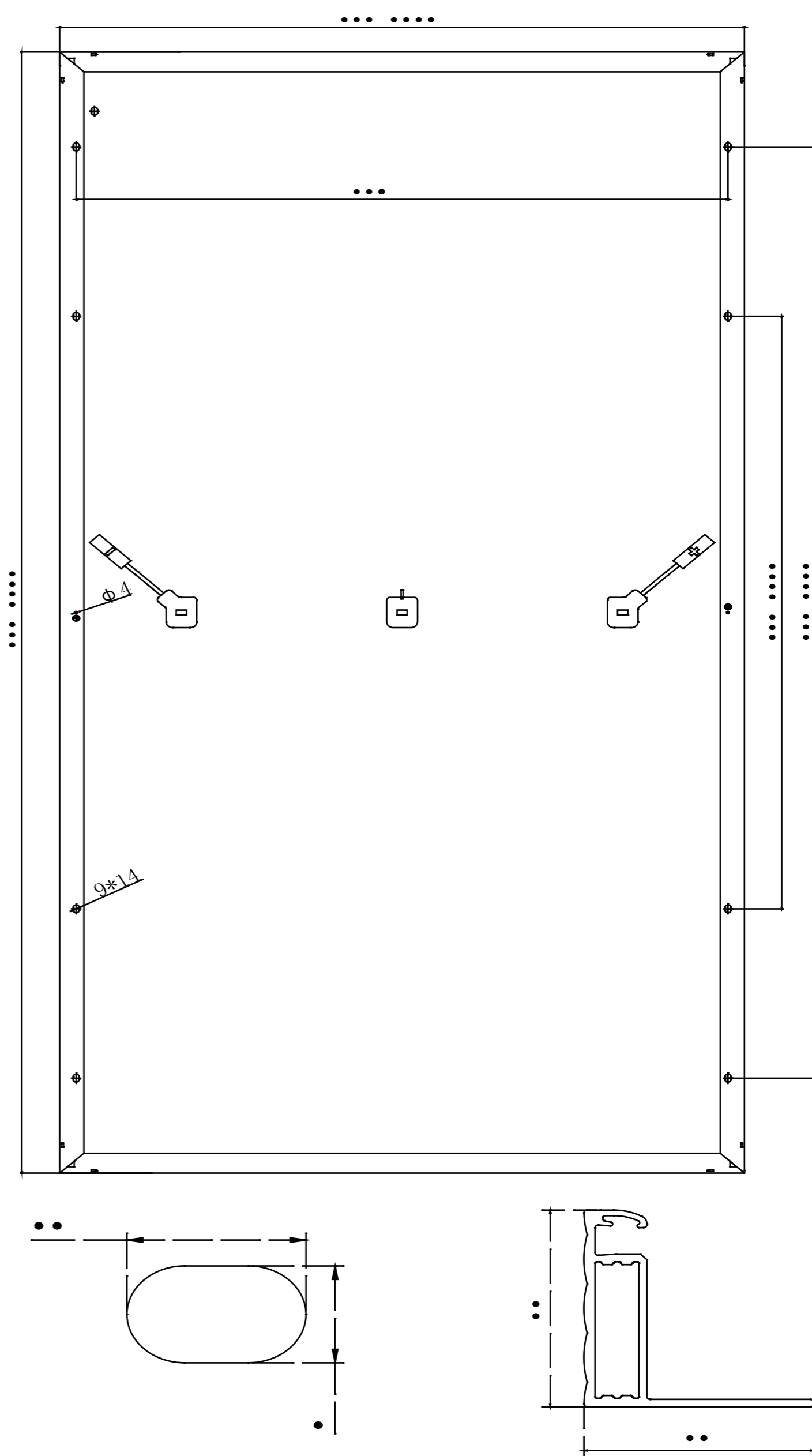
Cell size	Mono PERC 166.0×83.0mm
Module size	1758×1046×35mm(L×W×H)
Glass Thickness	3.2mm
Module Weight	20.3Kg
Output Cable	4mm ² , cable length 300mm (can be customized)
Connector	MC4 compatible

Temperature Coefficients

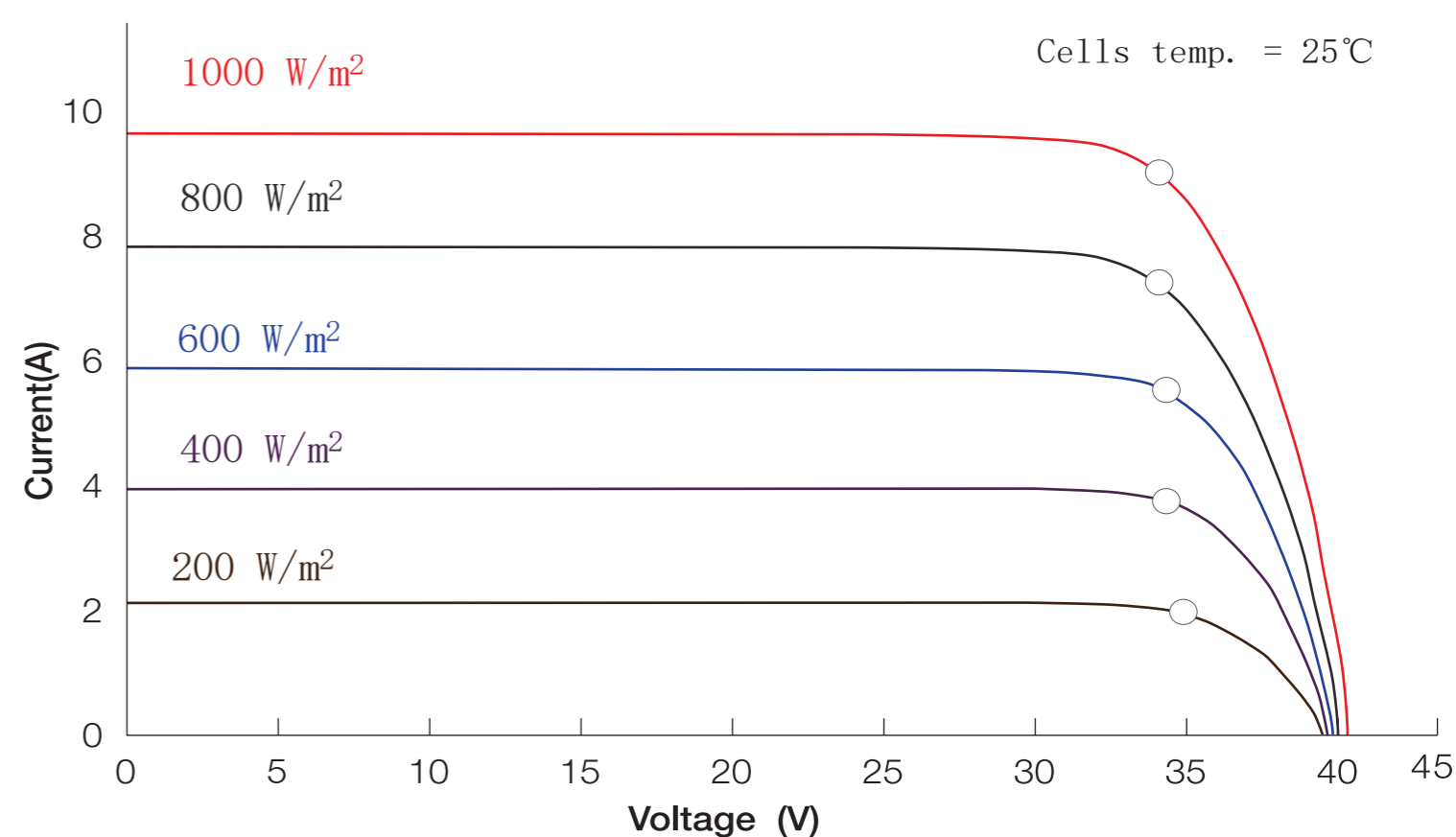
Short Circuit Current(Isc)	+0.048%/°C
Open Circuit Voltage(Voc)	-0.31%/°C
Nominal Max. Power(Pmax)	-0.38%/°C
NMOT	43±2°C

Work Environmental Parameters

Max. System Voltage	DC1000V/DC1500V
Power Tolerance	0 ~ +5 W
Operating Temperature	-40°C ~ +85°C
Max. Fuse Rated Current	15A
Front Static Load	Snow load 5400Pa, Wind load 2400Pa
Application Classification	Class A
Packing Specification	30 pcs/Pallet, 300 pcs/ 20'HQ; 780 pcs/ 40'HQ;



I-V curves under different irradiance degree



I-V curves

