

REDSOLAR

P series

Monocrystalline Half-cell Module

CETC-325-345M(H)/120



Product warranty



Linear power warranty



Severe Weather Resilience



Technical Superposition



Hot-spot Resistance



Anti PID Guarantee



320-340W

Output power

21.1%

Maximum efficiency

0~+5W

Power tolerance

Electrical Parameter(STC)

Model	325M	330M	335M	340M	345M
Maximum power (W)	325	330	335	340	345
Working point voltage (V)	33.90	34.20	34.45	34.72	34.99
Working point current (A)	9.59	9.66	9.74	9.81	9.86
Open circuit voltage (V)	40.70	41.00	41.30	41.60	41.90
Short circuit current (A)	10.08	10.16	10.23	10.30	10.37
PV module efficiency	19.31%	19.61%	19.90%	20.20%	20.50%
Standard test conditions	Atmospheric quality Am1.5, Irradiance 1000w/m ² , Cell Temperature 25°C				

Electrical Parameter(NMOT)

Model	325M	330M	335M	340M	345M
Maximum power (W)	241.2	244.6	248.5	252.4	254.7
Working point voltage (V)	31.40	31.60	31.90	32.20	32.40
Working point current (A)	7.68	7.74	7.79	7.84	7.86
Open circuit voltage (V)	37.80	38.00	38.30	38.50	38.60
Short circuit current (A)	8.14	8.21	8.26	8.32	8.38
NMOT conditions	The irradiance is 800w/m ² , the ambient temperature is 20 degrees, and the wind speed is 1m/s				

Mechanical Parameters

Module size	1690*996*35mm
Number of solar cells	120Cells (2*6*10)
Weight	18.5Kg ±5%
Junction Box	IP67, MC4 compatible
Cables	4mm ² , 300mm, (Customizable)
Front plate glass	3.2mm, Ultra white & Minus reflection film toughened glass
Static load on the front	5400Pa
Static load on the back	2400Pa

Packaging&Transport

40'HQ container transport	31 Pcs/box × 26 box = 806 Pcs
17.5m truck transport	32 Pcs/box × 40 box = 1280 Pcs

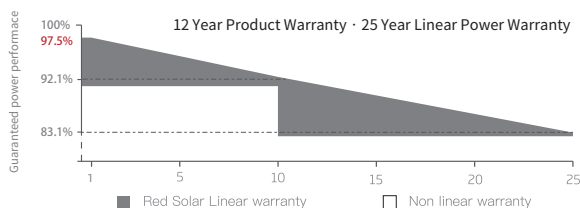
Temperature Parameter

NMOT	45±2°C
Temperature coefficient of maximum power(Pmax)	-0.35%/°C
Temperature coefficient of open circuit voltage(Voc)	-0.30%/°C
Temperature coefficient of short circuit current(Isc)	+0.050%/°C

Maximum Ratings

Working temperature	-40~+85°C
Maximum system voltage	1500VDC
Maximum fuse rated current	15A

Excellent Power Guarantee



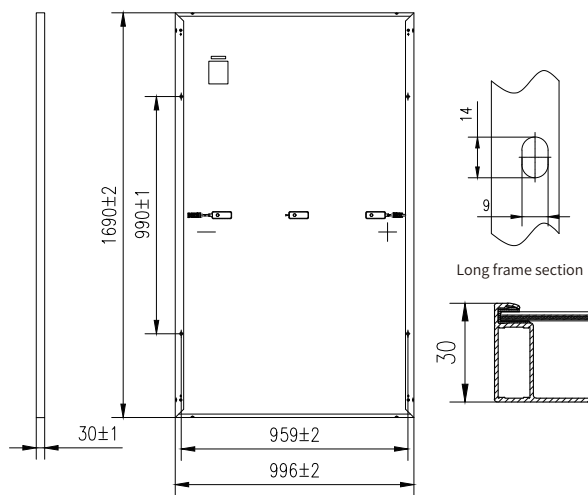
Model of PV Module

CETC-xxxM(H)/120

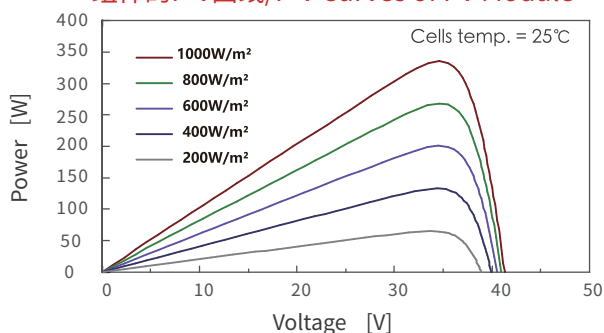
Power Range

325-345W

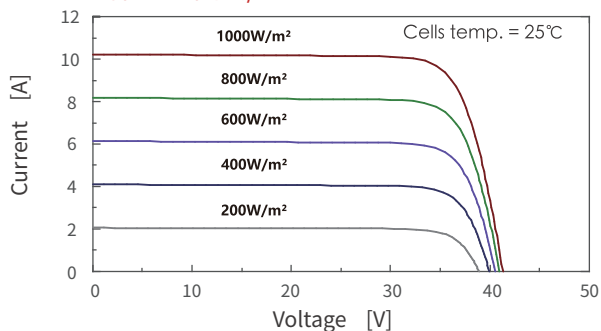
PV module dimensions (mm)



组件的P-V曲线/P-V Curves of PV Module



组件的I-V曲线/I-V Curves of PV Module



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