

REDSOLAR

P series

M6 Monocrystalline Half-cell Module

CETC-360-385M(H)/120



Product
warranty



Linear power
warranty



Severe Weather Resilience



Hot-spot Resistance



Anti PID Guarantee



360-385W

Output power

21.1%

Maximum efficiency

0~+5W

Power tolerance

Electrical Parameter(STC)

Model	360M	365M	370M	375M	380M	385M
Maximum power (W)	360	365	370	375	380	385
Working point voltage (V)	34.00	34.20	34.40	34.60	34.80	35.00
Working point current (A)	10.60	10.69	10.77	10.85	10.93	11.01
Open circuit voltage (V)	40.50	40.70	40.90	41.10	41.30	41.50
Short circuit current (A)	11.35	11.43	11.52	11.60	11.69	11.77
PV module efficiency	19.76%	20.03%	20.31%	20.58%	20.85%	21.13%
Standard test conditions	Atmospheric quality Am1.5, Irradiance 1000w/m ² , Cell Temperature 25°C					

Electrical Parameter(NMOT)

Model	360M	365M	370M	375M	380M	385M
Maximum power (W)	268.5	272.2	275.8	279.4	283.1	286.7
Working point voltage (V)	31.20	31.40	31.60	31.80	38.50	38.70
Working point current (A)	8.61	8.67	8.74	8.80	8.87	8.93
Open circuit voltage (V)	37.70	37.90	38.10	38.30	38.50	38.70
Short circuit current (A)	9.17	9.23	9.30	9.37	9.44	9.50
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	1755*1035*35mm
Number of solar cells	120Cells (2*6*10)
Weight	19.5Kg ±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	30 Pcs/box × 26box = 780 Pcs
17.5m truck transport	30 Pcs/box × 44box = 1320 Pcs

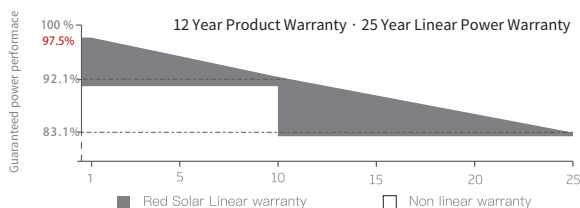
Temperature Parameter

NMOT	45±2°C
Temperature coefficient of maximum power(Pmax)	-0.35%/°C
Temperature coefficient of open circuit voltage(Voc)	-0.3%/°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	20A

Excellent Power Guarantee



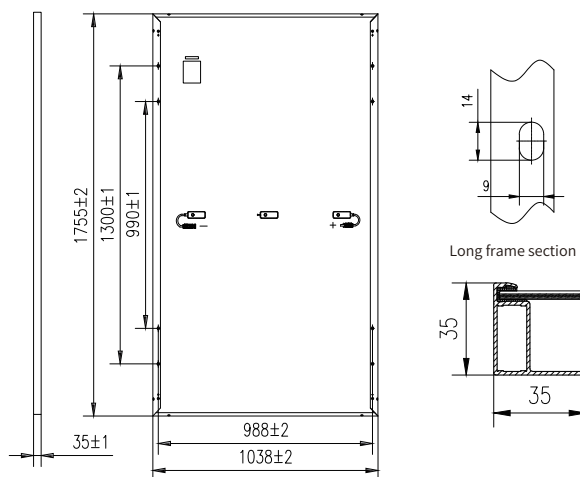
Model of PV Module

CETC-xxxM/120

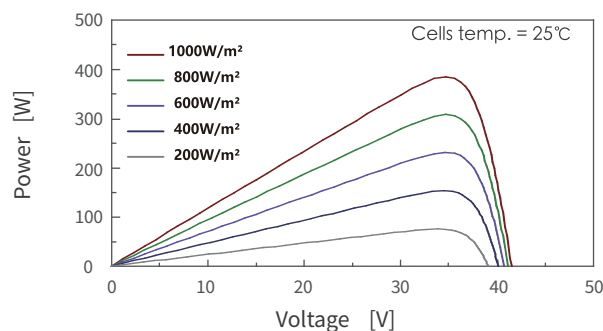
Power Range

360-385W

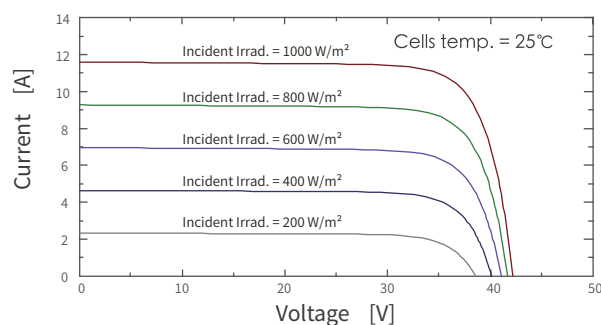
PV module dimensions (mm)



P-V Curves of PV Module



I-V Curves of PV Module



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