

REDSOLAR

P series

M10- bifacial double-glass module

CETC-235-250T(GDF)/64



Product
warranty



Linear power
warranty



Multi Busbar Technology



Better Performance



Anti PID Guarantee



High Returns



235-250W

Output power

40%

Light transmittance

0~+5W

Power tolerance

Electrical Parameter(STC)

Model	235T	240T	245T	250T
Maximum power (W)	235	240	245	250
Working point voltage (V)	19.55	19.56	19.57	19.58
Working point current (A)	12.02	12.27	12.52	12.77
Open circuit voltage (V)	22.80	22.81	22.82	22.83
Short circuit current (A)	13.27	13.37	13.47	13.57
PV module efficiency	12.03%	12.29%	12.55%	12.80%
Standard test conditions	Atmospheric quality Am1.5, Irradiance 1000w/m ² , Cell Temperature 25°C			

RearSide Power gain

5%	Maximum Power	246.8	252.0	257.3	262.5
	Efficiency STC	12.64%	12.90%	13.17%	13.44%
15%	Maximum Power	270.3	276.0	281.8	287.5
	Efficiency STC	13.84%	14.13%	14.43%	14.72%
25%	Maximum Power	293.8	300.0	306.3	312.5
	Efficiency STC	15.04%	15.36%	15.68%	16.00%

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.

Mechanical Parameters

Module size	1722*1134*30mm
Number of solar cells	62Cells (2*6*8)
Weight	25Kg ±5%
Junction Box	IP68, MC4 compatible
Cables	4mm ² , +: 300mm/-: 200(Customizable)
Front glass	2.0mm, coated ultra-clear semi-tempered glass
Front glass	2.0mm, semi-tempered glass
Static load on the front	5400Pa
Static load on the back	2400Pa

Packaging&Transport

40'HQ container transport	36 Pcs/box × 26box = 936 Pcs
17.5m truck transport	32 Pcs/box × 38 box = 1216 Pcs
13m truck transport	36 Pcs/box × 28 box = 1008 Pcs

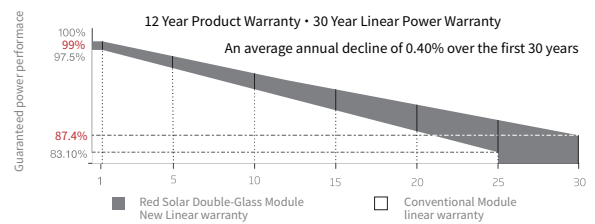
Temperature Parameter

NMOT	42±2°C
Temperature coefficient of maximum power(Pmax)	-0.30%/°C
Temperature coefficient of open circuit voltage(Voc)	-0.25%/°C
Temperature coefficient of short circuit current(Isc)	+0.045%/°C

Maximum Ratings

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

Excellent Power Guarantee



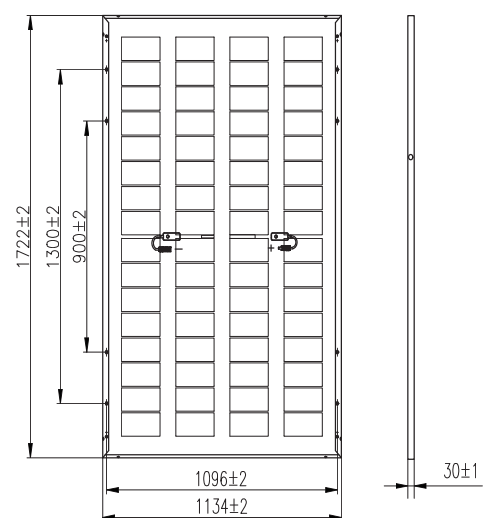
Model of PV Module

CETC-xxxT(GDF)/64

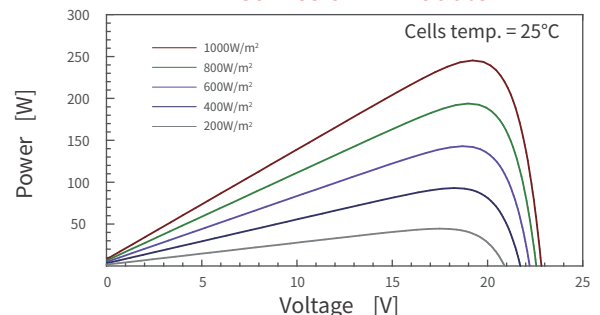
Power Range

235-250W

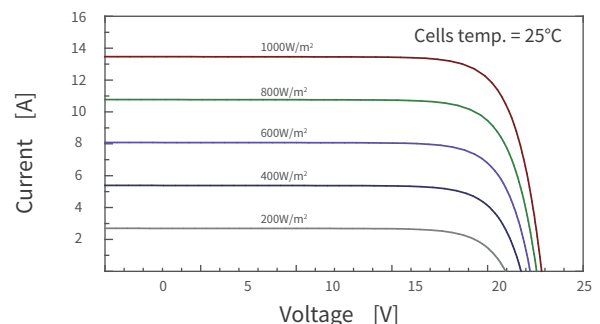
PV module dimensions (mm)



P-V Curves of PV Module



I-V Curves of PV Module



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