

REDSOLAR

N series G12 TOPCon Bifacial

CETC-700-720T(GDF)/132



Product
warranty



Linear power
warranty



Multi Busbar Technology



Better Performance



High Returns



PID Resistant



700-720W

Output power

23.2%

Maximum efficiency

0~+5W

Power tolerance

Electrical Parameter(STC)

Model	700T	705T	710T	715T	720T
Maximum power (W)	700	705	710	715	720
Working point voltage (V)	40.44	40.66	40.88	41.09	41.31
Working point current (A)	17.31	17.34	17.37	17.40	17.43
Open circuit voltage (V)	48.48	48.69	48.90	49.11	49.32
Short circuit current (A)	18.13	18.16	18.19	18.22	18.25
PV module efficiency	22.5%	22.7%	22.9%	23.0%	23.2%
Standard test conditions	Atmospheric quality AM1.5, Irradiance 1000w/m ² , Cell Temperature 25°C				

Electrical Parameter(BNPI)

Model	700T	705T	710T	715T	720T
Maximum power (W) ±3%	760	765	770	775	780
Working point current (V)	42.99	43.20	43.40	43.61	43.82
Working point current (A)	17.68	17.71	17.74	17.77	17.80
Open circuit voltage (V) ±5%	48.51	48.72	48.93	49.14	49.35
Short circuit current (A) ±5%	18.52	18.55	18.58	18.61	18.64
PV module efficiency	24.5%	24.6%	24.8%	25.0%	25.1%
Standard test conditions	Irradiance: front 1000 W/m ² , rear 135W/m ² , Cell Temperature 25°C, AM=1.5				

Mechanical Parameters

Module size	2384*1303*33mm
Number of solar cells	132Cells(2*6*11)
Weight	38.5Kg ±5%
Junction Box	IP68, 3 diodes
Cables	4mm ² , 350mm (-), 250mm (+) (Customizable)
Front plate glass	2.0mm,Ultra white AR coated semi-toughened glass
Front glass	2.0mm, semi-toughened glass
Static load on the front	5400Pa
Static load on the back	2400Pa

Packaging&Transport

40'HQ container	with wooden protective strip: 33Pcs/box × 17box = 561Pcs
transport	without wooden protective strip: 33Pcs/box × 18box = 594Pcs
	Note: Packing tray requires additional customization

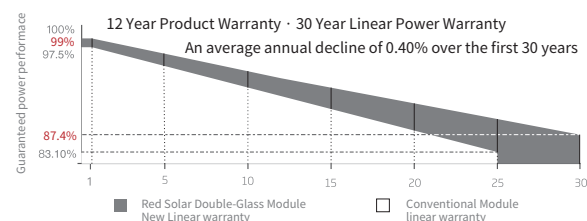
Temperature Parameter

NMOT	42±2°C
Temperature coefficient of maximum power(Pmax)	-0.29%/°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	35A

Excellent Power Guarantee

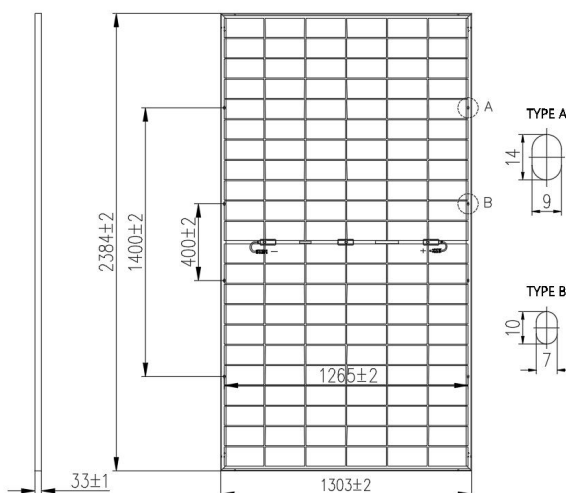


Model of PV Module

CETC-xxxT(GDF)/132

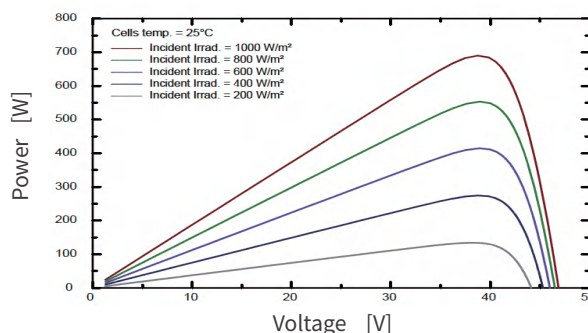
Power Range

700-720W

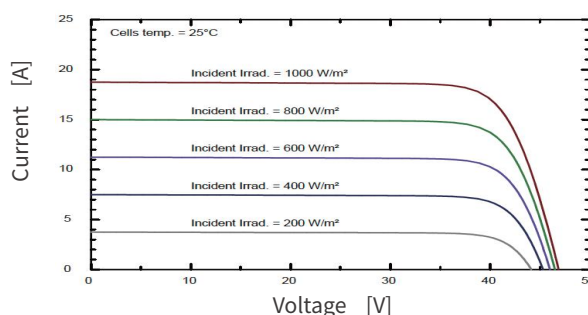


*If there are special requirements for the installation holes, please contact our technician

P-V Curves of PV Module



I-V Curves of PV Module



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