

N series G12R TOPCon Bifacial

CETC-635-655TR(GDF)/264



Product
warranty



Linear power
warranty



Quarter-cut cell design



Better Performance



High Returns



High quality



635-655W

Output power

24.2%

Maximum efficiency

0~+5W

Power tolerance

Electrical Parameter(STC)

Model	635TR	640TR	645TR	650TR	655TR
Maximum power (W)	635	640	645	650	655
Working point voltage (V)	41.88	41.99	42.10	42.21	42.32
Working point current (A)	15.16	15.24	15.32	15.40	15.48
Open circuit voltage (V)	49.60	49.71	49.82	49.93	50.04
Short circuit current (A)	15.89	15.97	16.05	16.13	16.22
PV module efficiency	23.5%	23.7%	23.9%	24.0%	24.2%
Standard test conditions	Atmospheric quality AM1.5, Irradiance 1000w/m ² Cell Temperature 25°C				

Electrical Parameter(BNPI)

Model	635TR	640TR	645TR	650TR	655TR
Maximum power (W) ±3%	702	707	713	718	724
Working point voltage (V)	41.89	41.99	42.10	42.21	42.31
Working point current	16.76	16.84	16.93	17.02	17.11
Open circuit voltage (V) ±5%	49.62	49.73	49.84	49.95	50.06
Short circuit current(A) ±5%	17.56	17.65	17.74	17.83	17.93
PV module efficiency	26.0%	26.2%	26.4%	26.6%	26.8%
Standard test conditions	Atmospheric quality AM1.5, Irradiance: front 1000 W/m ² , rear 135W/m ² Cell Temperature 25°C,				

Mechanical Parameter

Module size	2382*1134*30mm
Number of solar cells	264Cells (2*3*44)
Weight	32.5Kg ±5%
Junction Box	IP68, 3 diodes
Cables	4mm ² , ±400mm/-: 600(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 transport	with wooden protective strip:36Pcs/box × 16box = 576Pcs
	without wooden protective strip:36Pcs/box × 20box=720Pcs

Note: Packing tray requires additional customization

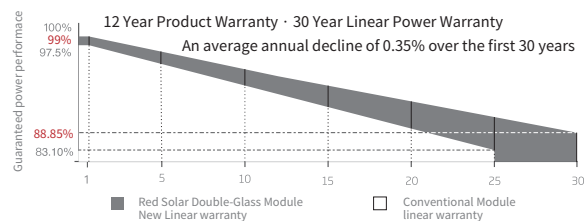
Temperature Parameter

NMOT	42±2°C
Temperature coefficient of maximum power(Pmax)	-0.26%/°C
Temperature coefficient of open circuit voltage(Voc)	-0.20%/°C
Temperature coefficient of short circuit current(Isc)	+0.050%/°C

Maximum Rating

Working temperature	-40~+85°C
Maximum system voltage	1500VDC
Maximum fuse rated current	35A

Excellent Power Guarantee



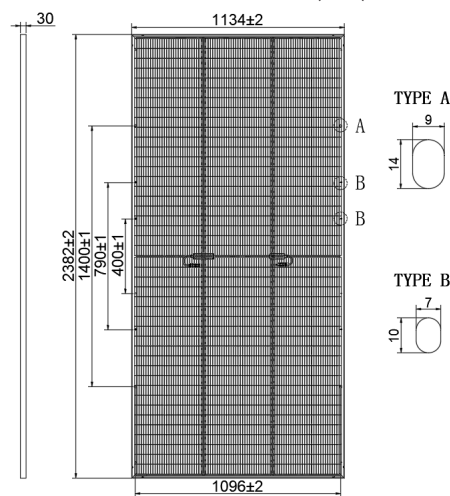
Model of PV Module

CETC-xxxTR(GDF)/264

Power Range

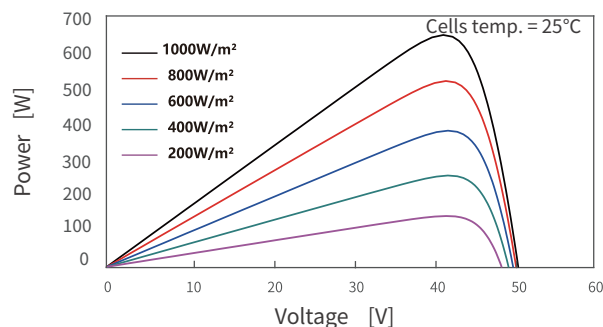
635-655W

PV module dimensions (mm)

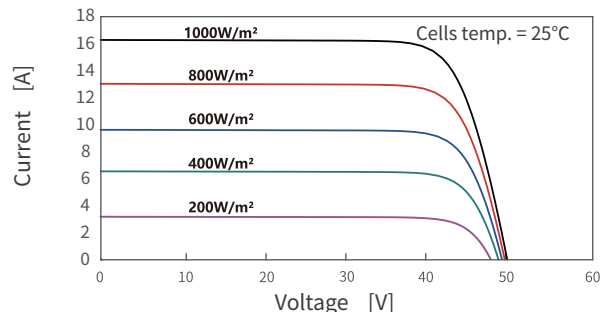


*If there are special requirements for the installation holes, please contact our technician

P-V Curves of PV Module



I-V Curves of PV Module



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