



TIGER

Maximum Power Outrange
with Tiger

RATED POWER 180W-200W

The Tiger solar panels ensure peak performance with power outputs from 180W to 200W. They're engineered for harsh environments, certified by TUV Nord for durability against salt spray and ammonia corrosion.



Strict Salt Spray and Ammonia Corrosion tests by TUV Nord conducted to withstand harsh environments.



Mechanical load tests including wind load of 2400 Pa and snow load of 5400 Pa conducted by TUV Nord.



The maximum peak power performance ranges from 180w to 200w.



Higher performance under low-light environment.



Ensure the attenuation probability caused by PID phenomenon is minimized.



Comprehensive Products &
System Certificates

IEC 61215 / IEC 61730 / CE / INMETRO
ISO 45001

2018/international standards for occupational health & safety
ISO 14001

2015/Standards for environmental management system
ISO 9001

2015/Quality management system

CSE-MF-180~200

ELECTRICAL PARAMETERS AT STC

Power	180W	185W	190W	195W	200W
Open Circuit Voltage	24.99±3%	25.26±3%	25.53±3%	25.93±3%	26.29±3%
Short Circuit Current	8.87±3%	9.02±3%	9.17±3%	9.27±3%	9.37±3%
Maximum Power Voltage	21.37V	21.60V	21.83V	22.17V	22.48V
Maximum Power Current	8.42A	8.56A	8.70A	8.80A	8.90A
Module Efficiency	18.15%	18.65%	19.16%	19.66%	20.17%

SPECIFICATIONS

Weight	10.50kg
Dimensions	1480*680*30mm
Cell Type & Size	210*105
Cell Amount	39 (3×13)
Maximum System Voltage	1000V
Junctions Box	IP65/IP67
Application Level	Class A
Cable	2.5mm ² cable90mm Adjustable
Connector	MC4 Compatible
Front glass	3.2mm high transmission,low iron,tempered glass
Frame	Anodized Aluminium Alloy

MAXIMUM RATING

Output Tolerance	0~+3W
Operating Temperature	-40~+85℃
Wind Load/Snow Load	2400Pa/5400Pa

TEMPERATURE CHARACTERISTICS

NMOT	45±2℃
Temp Coefficient of VOC	-0.250%/℃
Temp Coefficient of ISC	+0.040%/℃
Temp Coefficient of Pmax	-0.340%/℃

PACKING CONFIGURATION

20FT container	7 Packages/672pcs
40HQ container	15 Packages/1590pcs

CROWN N-TYPE MONO BLUEPRINT

