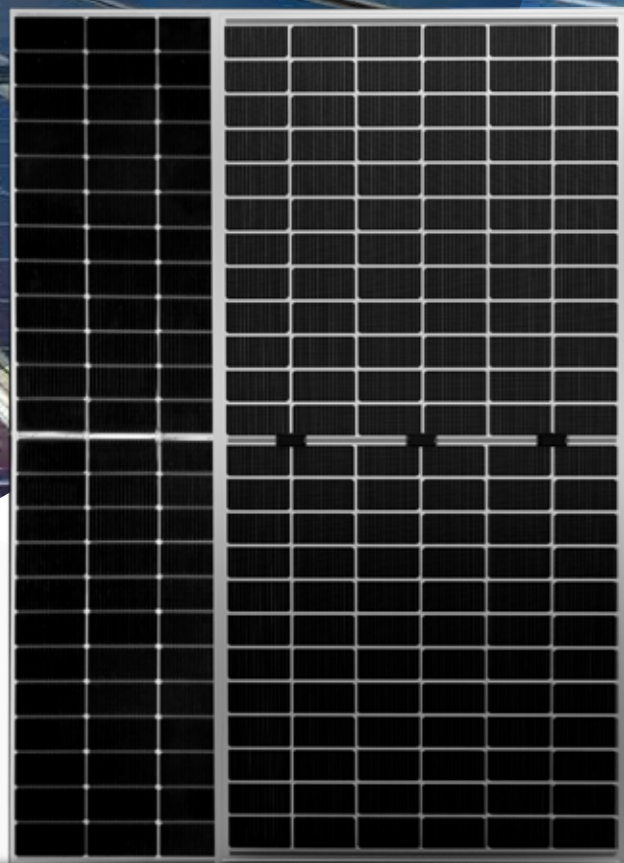




VISTA

CROWN
ANTI DUST
Technology



The Crown Anti Dust Bi-Facial PV Module

RATED POWER 575W-590W

The Crown Vista TOPCon solar panels feature globally patented Full Screen Technology. No dust or snow accumulation ensures maximum sunlight exposure, increasing power generation.



Clear Panels, Maximum Power Global Patented Full Screen Technology no dust or snow accumulation, increase power generation on by 6-15%.



Power Up, Last Longer Global Patented Full Screen Technology Higher power, longer service life linear power warranty for.



TOPCon Cells TOPCon cells have a lower decay rate 1% in the first year and 0.4% in the second year.



Engineered for the Heat Lower temperature coefficient, better high-temperature resistance reduced power loss and better high-temperature resistance.



Precision Powered LECO laser assisted sintering technology reduces contact resistance and improves efficiency by 0.2%-0.5%.

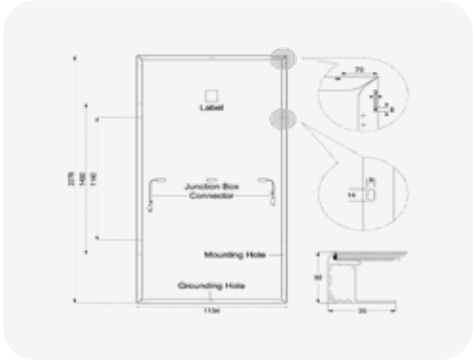
24/7
AFTER SALES
SERVICE



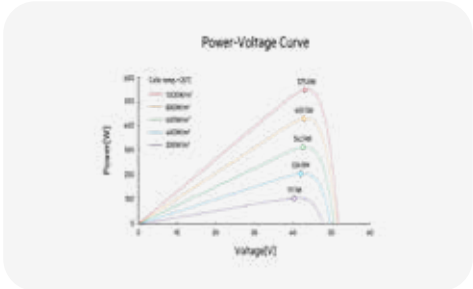
Comprehensive Products & System Certificates

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

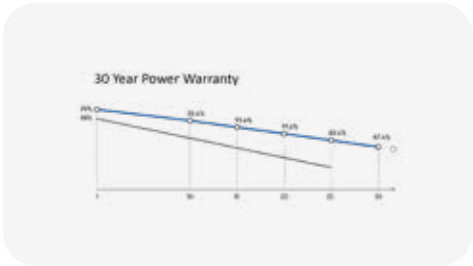
CROWN N-TYPE MONO BLUEPRINT



MAXIMUM POWER AND VOLTAGE CHARTS



POWER GUARANTEE FOR 30 YEARS



PACKING CONFIGURATION

Modules/Pallet	34 Pieces
Packing Description	34 Pallets, 680pcs/40HQ

TEMPERATURE CHARACTERISTICS

NMOT	41±3°C
Temp Coefficient of VOC	-0.25%/°C
Temp Coefficient of ISC	0.046%/°C
Temp Coefficient of Pmax	-0.29%/°C

ELECTRICAL PARAMETERS AT STC

Standard Test Environment, irradiance 1000 W/m2, spectrum AM 1.5, cell temperature 25°C.

Power	575W	580W	585W	590W
Open Circuit Voltage	51.2V	51.4V	51.6V	51.8V
Short Circuit Current	14.08A	14.14A	14.20A	14.26A
Maximum Power Voltage	43.4V	43.6V	43.8V	44.0V
Maximum Power Current	13.25A	13.30A	13.36A	13.41A
Module Efficiency	22.26%	22.45%	22.65%	22.84%

ELECTRICAL PARAMETERS AT NMOT

Standard Test Environment, irradiance of 800 W/m2, spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

Power	432W	436W	440W	444W
Open Circuit Voltage	48.6V	48.8V	49.0V	49.2V
Short Circuit Current	11.37A	11.42A	11.45A	11.51A
Maximum Power Voltage	41.2V	41.4V	41.6V	41.8V
Maximum Power Current	10.49A	10.53A	10.57A	10.61A

SPECIFICATIONS

Weight	26.9kg
Dimensions	2279mm*1134mm*32mm
Cell Dimensions	182*182mm
Cell Amount	144 (6×24)
Maximum System Voltage	1500V DC
Junctions Box	IP68, 3 Bypass Diodes
Application Level	Class A
Cable	4mm² , N 1400mm/P 1400mm for Horizontal Installation 4mm² , N 300mm/P 300mm for Vertical Installation
Connector	MC4 Compatible
Front glass	3.2mm High Transmission, Antireflection Coating
Back glass	2.0mm, Heat Strengthened Glass

MAXIMUM RATING

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa

