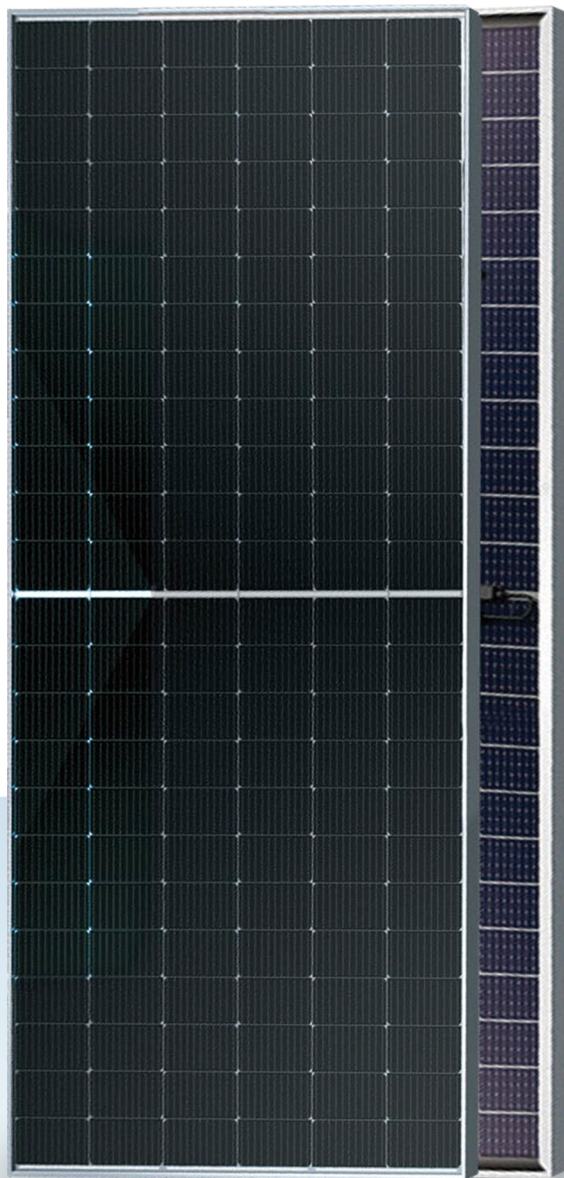


Module

N-TOPCon
575–585W



TOP PV TECH,
DRIVING ONWARD FOR GREEN ENERGY

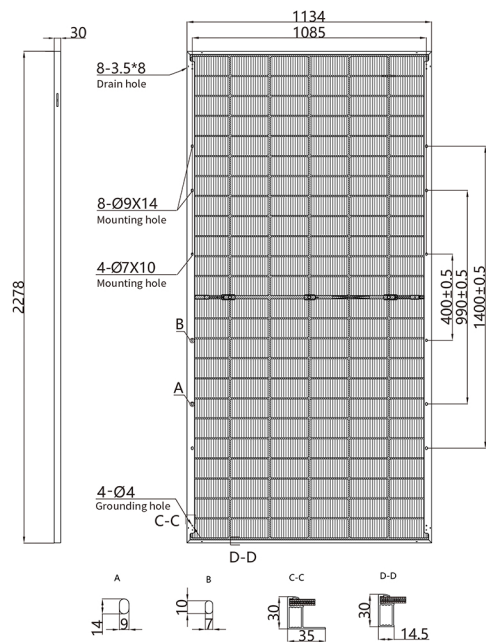
Module Specification

N-TOPCon-575-585W

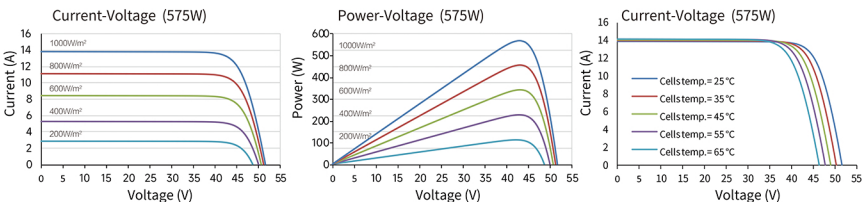
Mechanical parameters

Outer dimensions (L x W x H)	2278 x 1134 x 30 mm
Cell	N type mono-crystalline
Number of cells	144 (6*24)
Frame Type	Aluminum, silver/black anodized
Glass thickness	2.0+2.0 mm
Cable length (including connector)	Portrait: (+)300 mm,(-)300 mm; Customized length
Cable cross-sectional area (IEC)	4 mm ² / 12 AWG
①Maximum test mechanical load	5400Pa (front) /2400Pa(rear)
Connector type (IEC)	QC Solar: QC4.10-cds Sunter: PV-ZH202B XTong: PV-XT101.1, PV-XT101.2 Stäubli: PV-KST4-EVO2/xy_UR, PV-KBT4-EVO2/xy_UR or PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy
Module weight	32.1 kg
Packaging unit	36 pcs / box (Subject to sales contract)
Weight of packing unit	1215 kg / box
Modules per 40' HQ container	720 pcs

①Please refer to the installation manual or contact us to confirm.
The maximum test mechanical load = 1.5× maximum design mechanical load.



Performance curve



Temperature coefficient

-0.29%/°C Temperature coefficient (Pmpp)	+0.043%/°C Temperature coefficient (Isc)
-0.24%/°C Temperature coefficient (Voc)	42±2°C Nominal module operating temperature (NMOT)

Electrical performance parameters

*STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5			
Rated output (Pmpp/Wp)	575	580	585
Rated voltage (Vmpp/V)	43.56	43.75	43.96
Rated current (Impp/A)	13.20	13.26	13.31
Open circuit voltage (Voc/V)	51.75	51.90	52.05
Short-circuit current (Isc/A)	13.95	14.01	14.07
Module efficiency	22.3%	22.5%	22.6%
Power sorting tolerance	0~+5W		

BNPI: Ef=1000W/m², Er=135W/m², AM=1.5, Tc=25°C Bifaciality Coefficients: φPmax: 80±10%, φVoc: 100±3%, φIsc: 80±10%			
Rated output (Pmpp/Wp)	632.1	635.0	640.8
Rated voltage (Vmpp/V)	43.56	43.75	43.95
Rated current (Impp/A)	14.51	14.51	14.58
Open circuit voltage (Voc/V)	51.75	51.85	51.95
Short-circuit current (Isc/A)	15.33	15.37	15.43

NMOT: Irradiance 800W/m², Ambient Temperature 20° C, AM=1.5, Wind Speed 1m/s			
Rated output (Pmpp/Wp)	432.9	436.6	440.8
Rated voltage (Vmpp/V)	40.92	41.11	41.31
Rated current (Impp/A)	10.58	10.62	10.67
Open circuit voltage (Voc/V)	49.15	49.30	49.45
Short-circuit current (Isc/A)	11.26	11.31	11.36