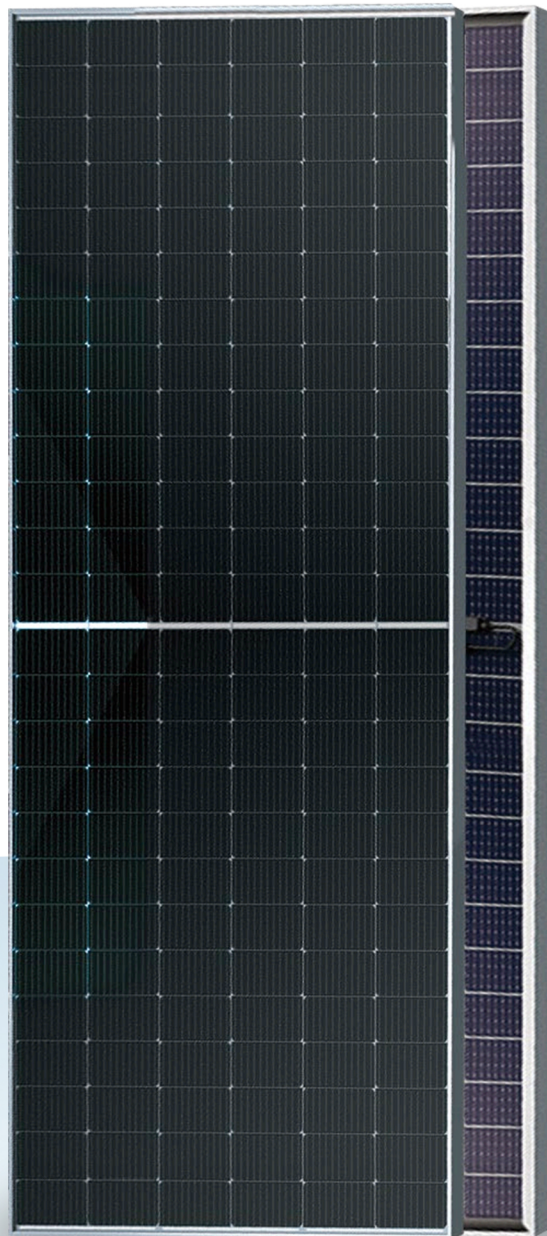


Module

N-TOPCon
625–635W



TOP PV TECH,
DRIVING ONWARD FOR GREEN ENERGY

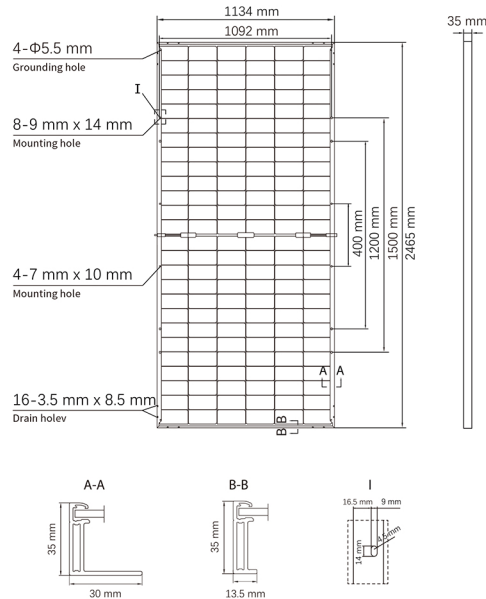
Module Specification

N-TOPCon-625-635W

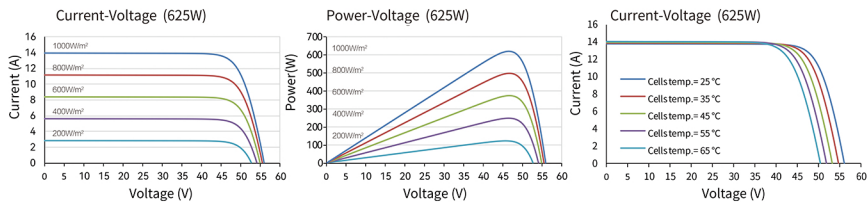
Mechanical parameters

Outer dimensions (LxWxH)	2465 x 1134 x 35 mm
Cell	N type mono-crystalline
Number of cells	156 (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	34.7 kg
Packaging unit	31 pcs / box (Subject to sales contract)
Weight of packing unit	1129 kg / box
Modules per 40' HQ container	496 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 (P _{mpp})	+0.043%/°C Temperature coefficient (I _{sc})
-0.24%/°C Temperature coefficient (V _{oc})	42±2°C Nominal module operating temperature (NMOT)

Electrical performance parameters

*STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5			
Rated output (P _{mpp} /Wp)	625	630	635
Rated voltage (V _{mpp} /V)	46.37	46.57	46.77
Rated current (I _{mpp} /A)	13.48	13.53	13.58
Open circuit voltage (V _{oc} /V)	56.21	56.41	56.61
Short-circuit current (I _{sc} /A)	14.05	14.11	14.17
Module efficiency	22.4%	22.5%	22.7%
Power sorting tolerance	0~+5W		

BNPI: E _f =1000W/m², E _r =135W/m², AM=1.5, T _c =25°C Bifaciality Coefficients: φ _{Pmax} : 80±10%, φ _{Voc} : 100±3%, φ _{Isc} : 80±10%			
Rated output (P _{mpp} /Wp)	686.7	692.5	697.4
Rated voltage (V _{mpp} /V)	46.37	46.57	46.75
Rated current (I _{mpp} /A)	14.81	14.87	14.92
Open circuit voltage (V _{oc} /V)	56.21	56.41	56.56
Short-circuit current (I _{sc} /A)	15.44	15.51	15.57

NMOT: Irradiance 800W/m², Ambient Temperature 20° C, AM=1.5, Wind Speed 1m/s			
Rated output (P _{mpp} /Wp)	465.3	469.0	473.2
Rated voltage (V _{mpp} /V)	43.12	43.31	43.49
Rated current (I _{mpp} /A)	10.79	10.83	10.88
Open circuit voltage (V _{oc} /V)	53.39	53.58	53.77
Short-circuit current (I _{sc} /A)	11.24	11.29	11.34