

[NT-130/135/140/145AX] µc-Si tandem PV module

Product Specifications:

Model	NT-145AX	NT-140AX	NT-135AX	NT-130AX
Nominal Power [W][±5%]	145	140	135	130
Open Circuit Voltage [V]	78.4	78.4	78.4	77.6
Short Circuit Current [A]	2.67	2.59	2.52	2.45
Maximum Power Voltage [V]	62.5	62.3	62.3	62.2
Maximum Power Current [A]	2.32	2.25	2.17	2.09
Initial Values	Pmax: Refer to installation manual Voc: Approximately 4% higher than stabilized voltage			
Maximum System Voltage [V]	1000	1000	1000	1000
Dimension [mm]	1414*1114*35.3			
Weight [Kg]	20.5			
Connector	MC 4			
Cable Size [mm ²]	2.5			

Temperature Coefficients:

Nominal Power [W]	-0.28% / °C
Open Circuit Voltage [V]	-0.32% / °C
Short Circuit Current [A]	0.07% / °C

■ Data above represent stabilized values at Standard Test Conditions (STC) [Irradiance: 1000 W/m², Spectrum: AM1.5, Cell temperature: 25°C (77°F)].

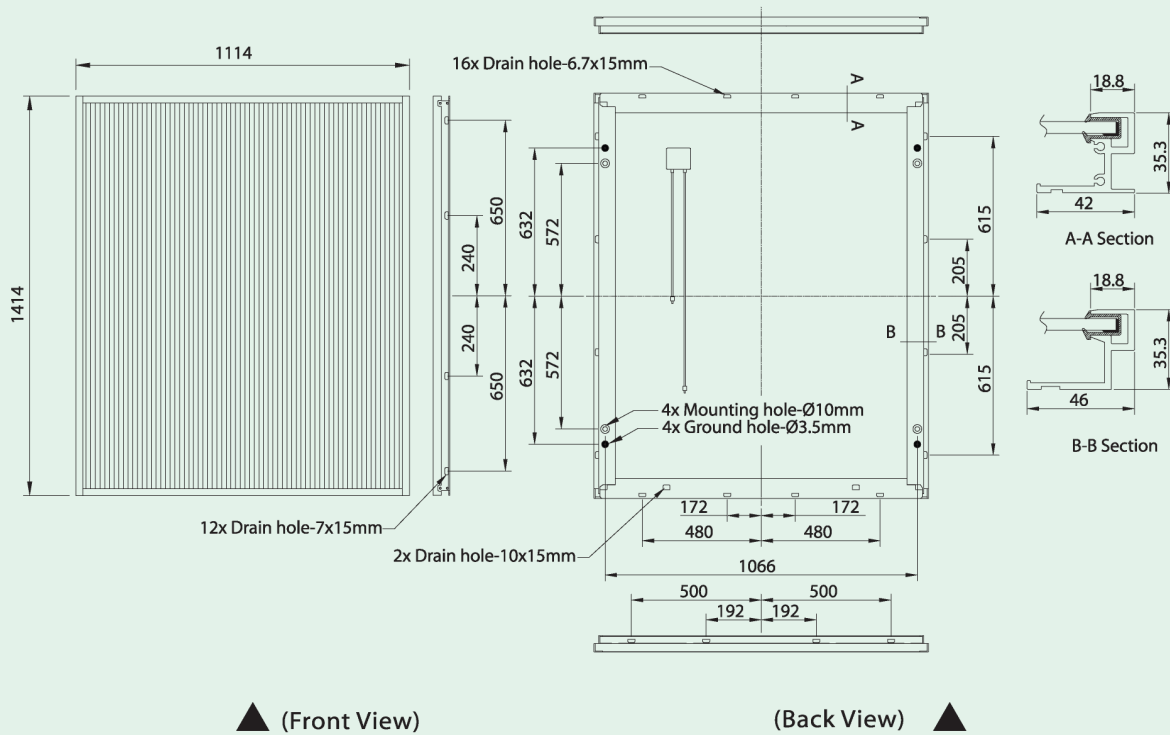
■ All electrical ratings bear with a tolerance of ±10% unless specified otherwise. Specifications are for reference only and subject to changes without notice.

■ Power warranty:
Maintain more than 90% of minimum rated power for 10 years.
Maintain more than 80% of minimum rated power for 25 years.
Product warranty: free from defects for 5 years.

■ Product performance insured by Munich RE

Certifications:

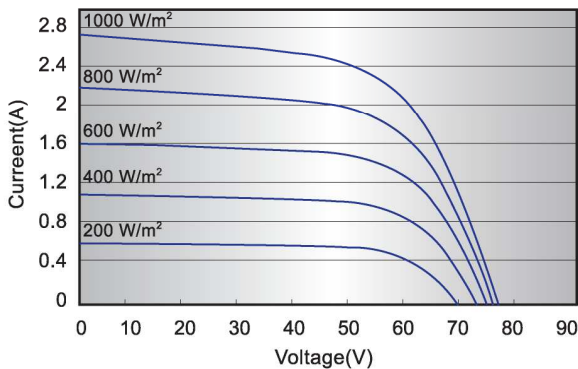
- IEC 61646/61730
- CE
- ISO 9001:2000
- ISO 14001:2004



▲ (Front View)

(Back View) ▲

**Current v.s.Voltage Characteristics
(Cell temperature : 25°C)**



**Current v.s.Voltage Characteristics
(Irradiance : 1000 W/m²)**

