



NH-100AX-1

NH-100AX-1 is the new frontier in the large-sized Thin Film era. With its superior power output and conversion efficiency, NH-100AX-1 offers a cost-effective alternative for grid-connected photovoltaic systems. The low temperature coefficients and high radiance absorption rate of NH-100AX-1 ensure an excellent

power output under high temperature environment and an elevated annual power yield. IEC 61646/61730-certified premium quality of NH-100AX-1 guarantees an outstanding performance, providing a reliable solution to comply with the incentive programs respectively.



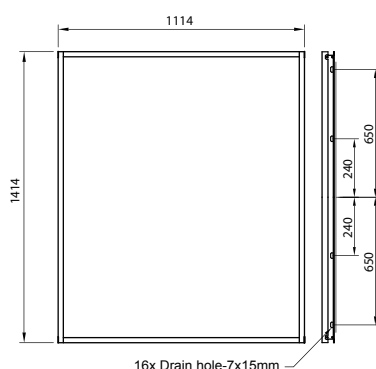
Specifications:

Model	NH-100AX-1_4A	NH-100AX-1_3A
Nominal Power [W](±5%)	100	95
Open Circuit Voltage [V]	101	100
Short Circuit Current [A]	1.65	1.62
Maximum Power Voltage [V]	75	73
Maximum Power Current [A]	1.33	1.3
Initial Values	Pmax : Refer to installation manual Voc : Approximate 4% higher than stabilized voltage	
Maximum System Voltage [V]	600	600
Dimensions [mm]	1414 * 1114 * 35.3	1414 * 1114 * 35.3
Weight [kg]	20.5	20.5
Connector	MC	MC
Cable Length [mm]	1000	1000
Cable size [mm ²]	2.5	2.5

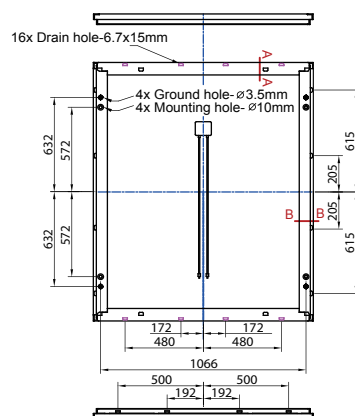
Temperature coefficients:

Nominal Power [W]	-0.2 %/ °C
Open Circuit Voltage [V]	-0.34 %/ °C
Short Circuit Current [A]	0.09 %/ °C

Outline:



Front-side view



Back-side view

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

※ All electrical ratings with a tolerance of ±10%, unless specified otherwise. Specifications are for reference only and subjected to change without notice.

※ Power warranty :
Maintain more than 90% of minimum rated power for 10 years.
Maintain more than 80% of minimum rated power for 20 years.

※ Product warranty : free from defects for 2 years.

Certifications:

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

NexPower Official Distributor