



NexPower Technology NT Series

Thin-Film Tandem Photovoltaic Modules

Product Specifications

Model	NT-155UX	NT-150UX	NT-145UX	NT-140UX
Nominal Power (W)(±5%)	155	150	145	140
Open Circuit Voltage (V)	85.5	85.5	85.5	84.5
Short Circuit Current (A)	2.56	2.54	2.51	2.47
Maximum Power Voltage (V)	65.2	64.7	64.2	62.8
Maximum Power Current (A)	2.38	2.32	2.26	2.23
Initial Values	Pmax: Refer to installation manual Voc: Approximately 2% higher than stabilized voltage			
Maximum System Voltage (V)	600			
Dimension (in)	55.59 x 43.79 x 1.65			
Weight (lbs)	43.66			
Connector	MC 4			
Cable Size	AWG#14			

Temperature Coefficients

Nominal Power	(-0.28% / °C)
Open Circuit Voltage	(-0.32% / °C)
Short Circuit Current	(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)]
 - 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.
- All electrical ratings bear with a tolerance of ±10% unless specified otherwise. Specifications are for reference only and subject to changes without notice.
 - Product performance insured by Munich RE.

SOLAR
D I R E C T