

Dynamex 580 Wp

N-Type Bifacial Double Glass

TIER 1 | Factory



Efficient
22.5% efficiency.



Designed in Europe
Dynamex is proudly produced by a Tier 1 factory.



Bifacial technology
Bifacial technology enables additional energy harvesting from rear side (up to 30%).



Reliable quality assurance
30 years product warranty &
30 years performance warranty.



ISO9001/2015: Quality management system
ISO14001/2015: Environmental management system
ISO45001/2018: Occupational health and safety management system

Allimex Green Power

ELECTRICAL PARAMETERS

Model Type	2DYN99ZZ006	
	STC	NOCT
Maximum Power (Pmax)	580	444
Open Circuit Voltage (Voc)	51.97	49.76
Short Circuit Current (Isc)	13.80	1112
Maximum Power Voltage (Vmp)	44.04	42.17
Maximum Power Current (Imp)	13.17	10.53
Module Efficiency	22.5%	
Operational Temperature	-40°C ~+ 85°C	
Maximum System Voltage	1500VDC	
Maximum Series Fuse Rating	30A	
Power Tolerance	0 ~+ 5W	
Max Load (Front/Back)	5400Pa / 2400Pa	

STC: Irradiance 1000W/m²
NOCT: Irradiance 800W/m²

Cell temperature 25°C
Ambient temperature 20°C

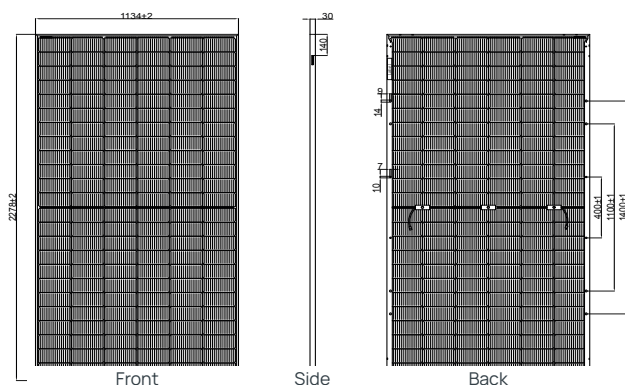
AM1.5
AM1.5

Wind speed 1m/S

SPECIFICATIONS

Module size	2278 x 1134 x 30 mm
Weight	32.3 kg±3%
Cell	144 cells, N Type mono crystalline
Glass	Front 2.0 mm/Back 2.0 mm
Frame	Black Anodized Aluminum Alloy
Junction Box	IP68
Output wire	4.0 mm ²
Wire length	1200 mm
Connector	MC4/EV02 Staubli Connectors

DIMENSIONS



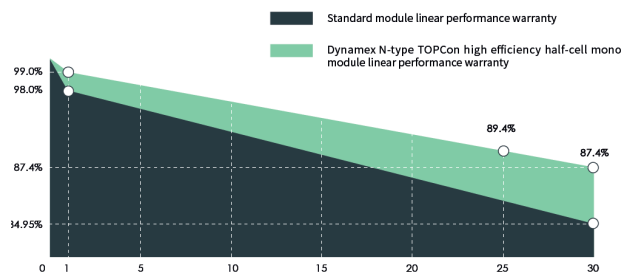
* The unmarked tolerance is ± 2 mm

TEMPERATURE RATING

Temperature Coefficient (Pmax)	-0.30%/°C
Temperature Coefficient (Voc)	-0.28%/°C
Temperature Coefficient (Isc)	+0.04%/°C
Nominal Operating Cell Temperature	43 ± 2°C

PACKING DETAILS

Packing Specification 36 pcs per pallet / 720 pcs per 40HQ



Headquarters

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We care. We dare. We deliver

