



DNA™ 108-Monofacial

USAptos2  
Assembled in USA

Solar for Innovators

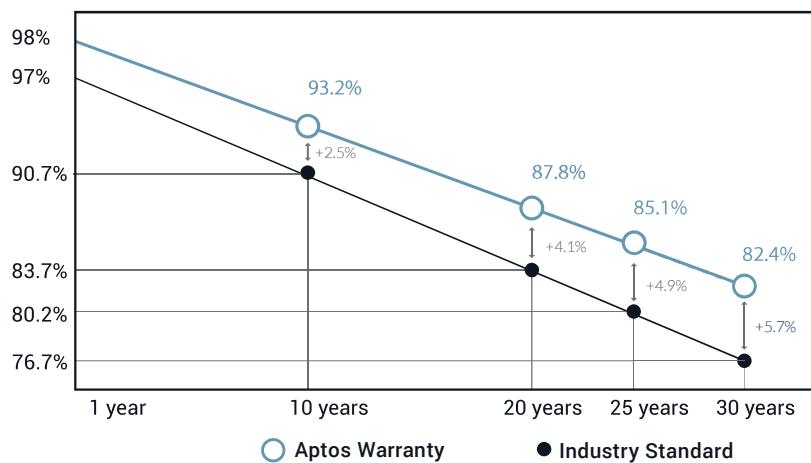


## DNA-108-MF10-410W-USAptos2

Residential | Commercial

Our DNA Split Cell Series uses advanced selective emitter PERC technology with thin film layers to improve heat tolerance, maximize energy harvest, minimize resistive loss, and use 5% more of the available active area for optimal power performance.

### Linear Performance Warranty



Industry Leading 30 Years  
Product and Performance Warranty

400W | 405W | 410W



### Key Features



#### Advanced Technology

Patented DNATM technology boosts power performance & module efficiency.



Designed & Engineered In  
Silicon Valley



#### Miami-Dade Approved

Maximum Durability: LEVEL 6 SALT MIST Tested, 5400 Pa Wind Load Certified Panels



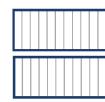
#### Awards

Winners of the Leadership in Solar Energy award for three consecutive years and listed as one of the Top Solar Products from 2021-2022.



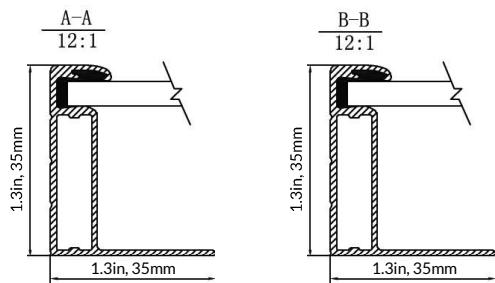
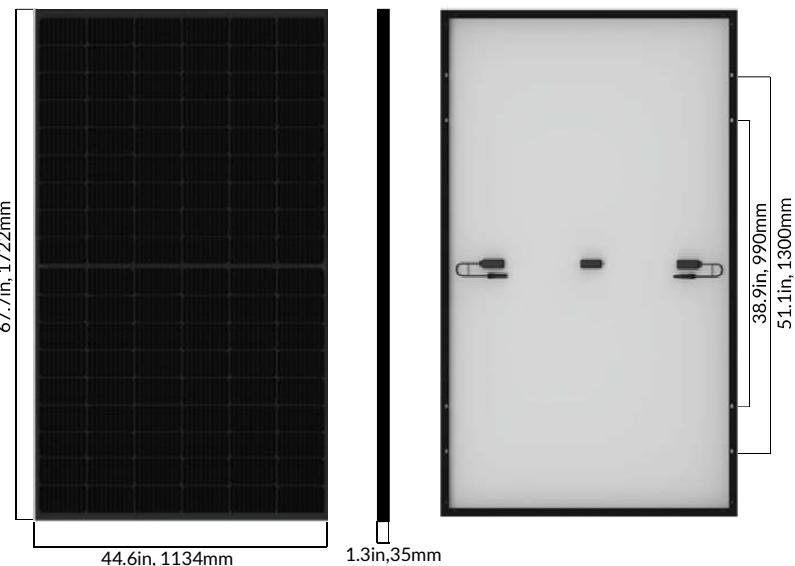
#### Bankable Investment

Comprehensive warranty that covers both **30-year product** and **30-year power** performance.



#### Aesthetics

All black design with advanced split cell technology features 10 ultra-thin busbars that allow for less resistance and greater energy harvest.



## Domestic Content : Rooftop

	MLPE	String (Fixed)
Junction Box		
Encapsulant	7	
Backsheet/Backglass		8.8

## Electrical Specifications

	DNA-108-MF10 -400W-USAppts2		DNA-108-MF10 -405W-USAppts2		DNA-108-MF10 -410W-USAppts2	
	STC	NOCT	STC	NOCT	STC	NOCT
Rated Output $P_{mpp}$ (W)	400W	299W	405W	303W	410W	307W
Open Circuit Voltage $V_{oc}$ (V)	37.18	35.10	37.33	35.19	37.68	35.27
Short Circuit Current $I_{sc}$ (A)	13.39	11.99	13.44	12.11	13.59	12.23
Rated Voltage $V_{mmp}$ (V)	31.42	28.78	31.55	28.85	31.84	28.92
Rated Current $I_{max}$ (A)	12.74	10.40	12.84	10.50	12.88	10.61
Module Efficiency	20.47%		20.74%		21.00%	

STC for front-face of panel: 1000 W/m<sup>2</sup>, 25°C, measurement uncertainty  $\leq 3\%$   
NOCT for front-face of panel: 800W/m<sup>2</sup>, 45°C, Wind speed 1 m/s

## Temperature Coefficients

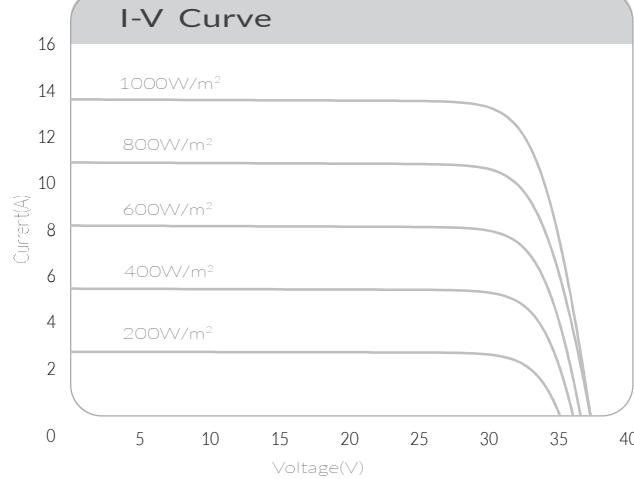
Temperature Coefficients $P_{mmp}$	-0.33%/°C
Temperature Coefficients $I_{sc}$	+0.06%/°C
Temperature Coefficients $V_{oc}$	-0.26%/°C
Nominal Operating Cell Temperature (NOCT)	45°C

## Test Operating Conditions

Maximum Series Fuse	30A
Maximum System Voltage	1,500 VDC (UL&IEC)
Maximum Load Capacity (Per UL 1703)	5400 PA Snow Load / 5400 Pa Wind Load
Fire Performance Type	Type 1

## Packaging Configuration

Number of Modules per Pallet	31
Number of Pallets per 40ft. Container	26
Pallet Dimensions	68.97 X 44.48 X 49.76 in, 1752 X 1130 X 1264 mm
Pallet Weight (lbs)	1503.5
Modules per 40ft. Container	806



## Certifications

