



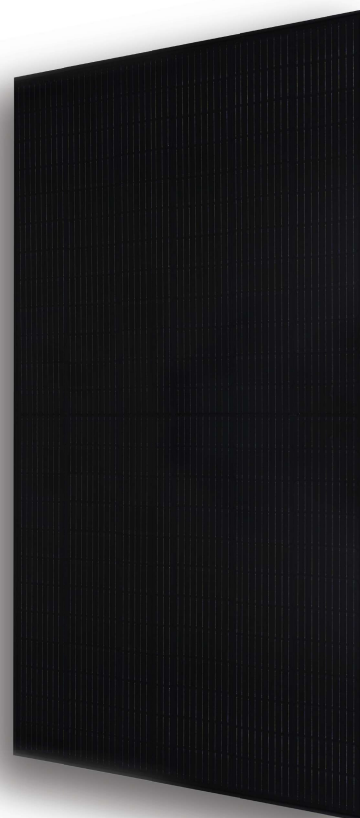
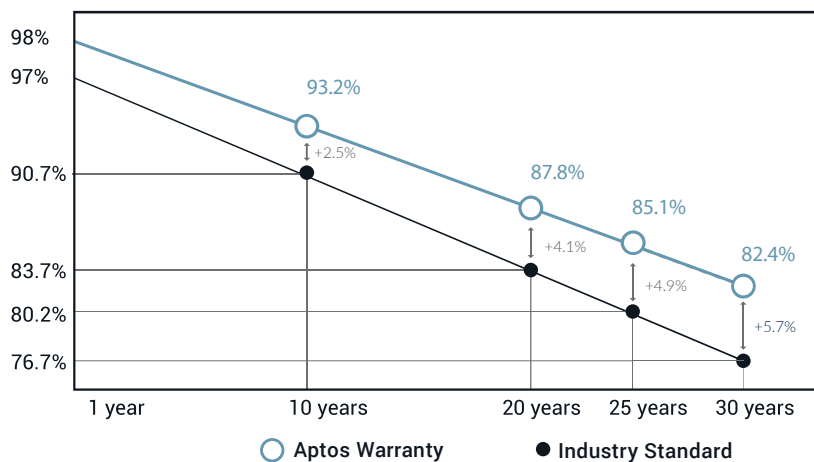
## Industry Leading 30 Years Product and Performance Warranty

**DNA-108-MF10-415W**  
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.

**400W | 405W | 410W | 415W**

### Linear Performance Warranty



Designed & Engineered In Silicon Valley

### Key Features



#### Advanced Technology

Patented DNA™ technology boosts power performance & module efficiency.



#### 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.



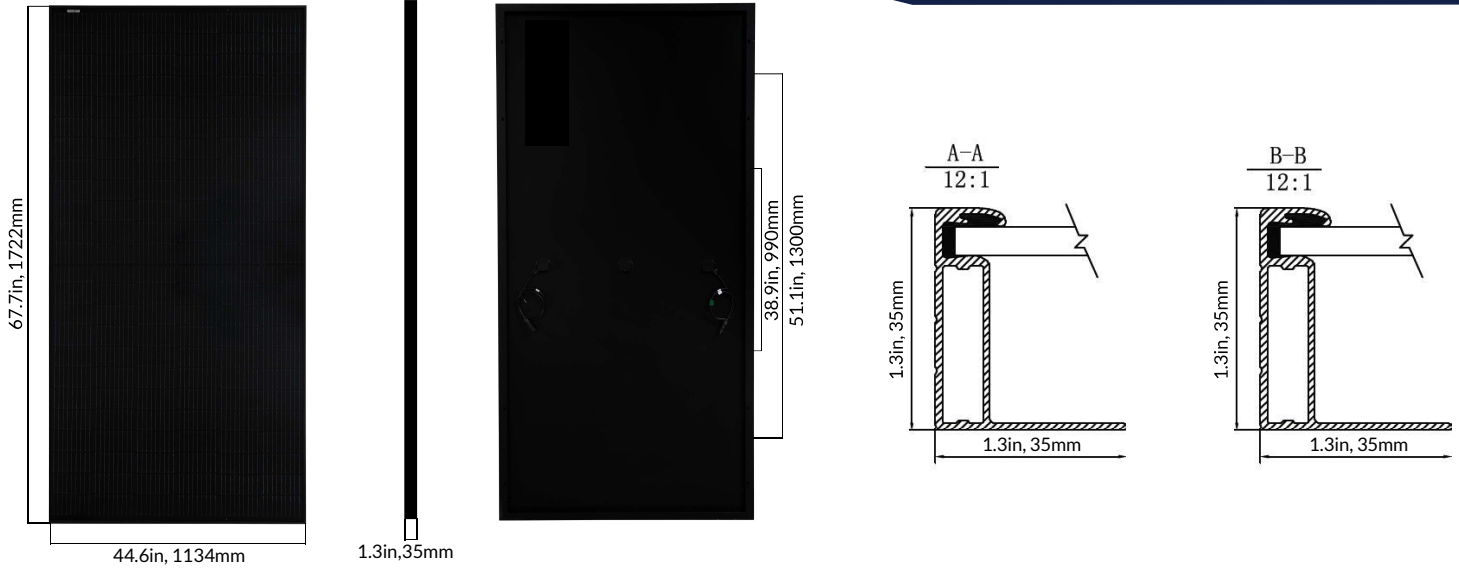
#### Bankable Investment

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.



Electrical Specifications	DNA-108-MF10-400W		DNA-108-MF10-405W		DNA-108-MF10-410W		DNA-108-MF10-415W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Output $P_{mpp}$ (W)	400W	299W	405W	303W	410W	307W	415W	311W
Open Circuit Voltage $V_{oc}$ (V)	37.14	35.11	37.23	35.19	37.32	35.27	37.41	35.36
Short Circuit Current $I_{sc}$ (A)	13.40	12.11	13.65	12.11	13.78	12.23	13.92	12.35
Rated Voltage $V_{mpp}$ (V)	32.33	28.78	32.42	28.85	32.51	28.92	32.60	28.99
Rated Current $I_{max}$ (A)	12.37	10.39	12.49	10.50	12.61	10.61	12.73	10.71
Module Efficiency	20.47%		20.78%		20.99%		21.25%	

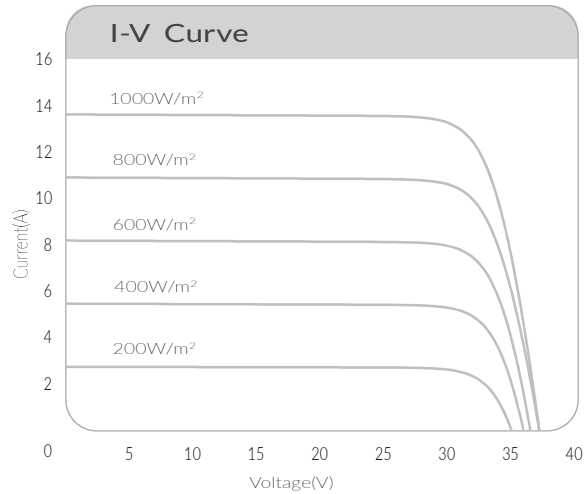
STC for front-face of panel: 1000 W/m<sup>2</sup>, 25°C, measurement uncertainty ±3%  
 NOCT for front-face of panel: 800W/m<sup>2</sup>, 45°C, Wind speed 1 m/s

Mechanical Properties	
Cell Type	SE-PERC
Glass	3.2mm, anti-reflection coating, high transmission, low iron, tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68
Dimensions	67.7 X 44.6 X 1.3 in, 1722 X 1134 X 35 mm
Weight	48.5lbs. (21.5kg)
Output Cable	4mm <sup>2</sup> (EU)12AWG, 39.37in. (1200mm)
Cable Length	47.2 in
Encapsulant	POE
Connector Type	Staubli EVO2

Temperature Coefficients	
Temperature Coefficients $P_{mpp}$	-0.32%/°C
Temperature Coefficients $I_{sc}$	+0.045%/°C
Temperature Coefficients $V_{oc}$	-0.27%/°C
Nominal Operating Cell Temperature (NOCT)	45°C

Test Operating Conditions	
Maximum Series Fuse	25A
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			
	Intertek UL61730-1, UL61730-2	IEC61730-1 IEC61730-2	