DNA™ 120 Bifacial

Solar for Innovators

Residential I Commercial I Utility

Designed & Engineered in Silicon Valley
370W I 365W I 360W

Our DNA Split-cell Series impressively combines advanced technologies to maximize performance. Produce up to 30% more energy with the bi-facial rear side generation. Our patented DNA, Dual Nano Absorber, technology allows for panel to harvest energy from all directions and operate exceptionally in high heat temperatures.

Produce up to 30% more energy with rear-side generation

Advanced split cell technology with 9 ultra-thin busbars allows for less resistance and more photon capture

Ideal solution for applications affected by shading

All-black design for pristine aesthetics
No excessive silver bussing or ribbons

Robust product design is reslient in extreme weather. Up to 5400 Pa snow load and 6200 Pa Wind Load
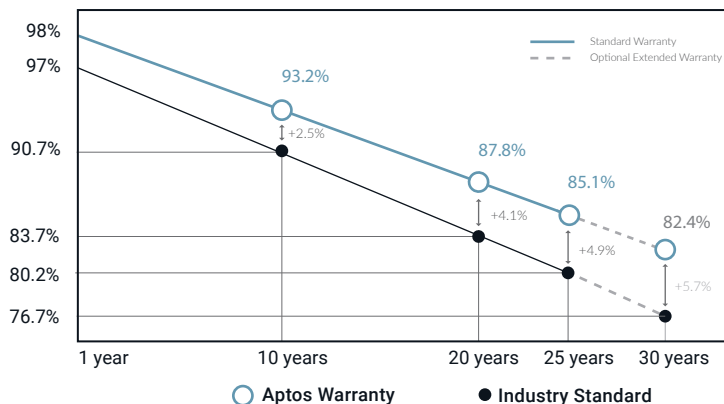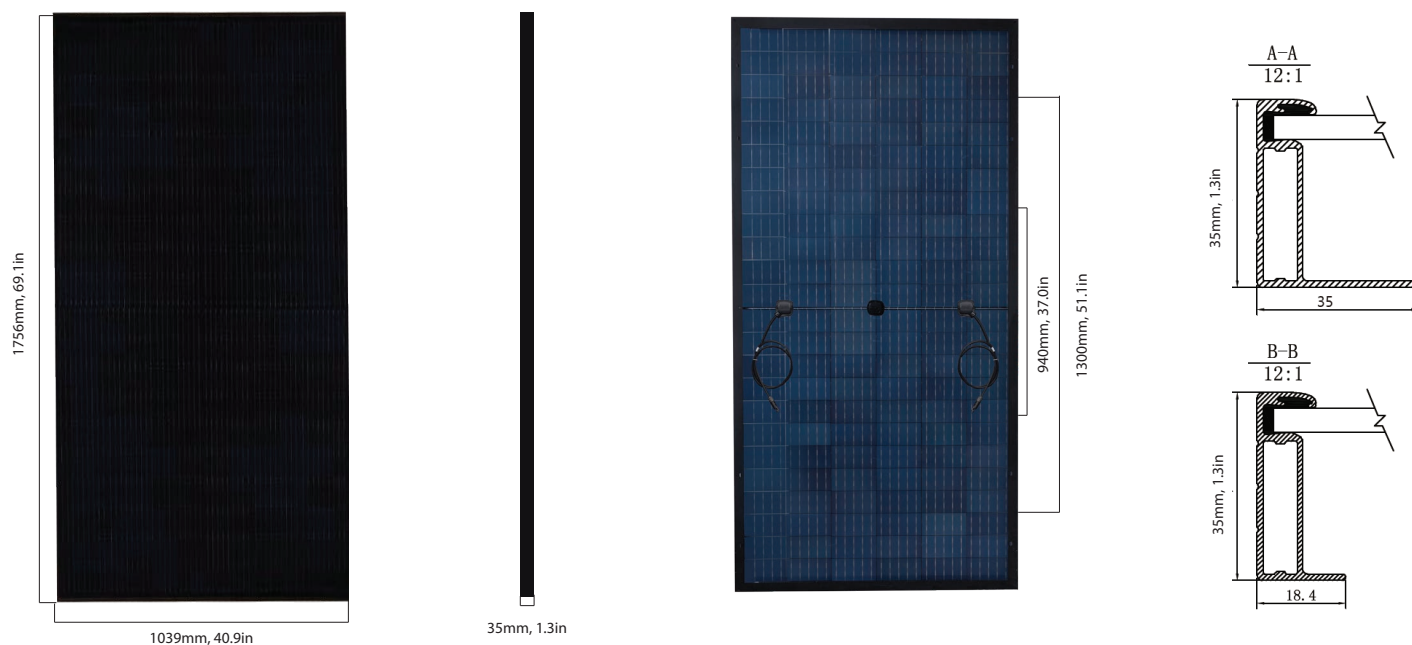
| 30 Year Warranty | 3X IEC Standards | RETC Top Performer |

Linear Performance Warranty

Standard Warranty
Optional Extended Warranty

98%
97%
90.7%
83.7%
80.2%
76.7%

93.2% | +2.5%
87.8% | +4.1%
85.1% | +4.9%
82.4% | +5.7%

1 year | 10 years | 20 years | 25 years | 30 years

○ Aptos Warranty   ● Industry Standard

aptos
solar technology

1756mm, 69.1in

1039mm, 40.9in

35mm, 1.3in

940mm, 37.0in

1300mm, 51.1in

A–A 12:1

35mm, 1.3in

35

B–B 12:1

35mm, 1.3in

18.4

Electrical Specifiactions

	DNA-120-BF26-360W	DNA-120-BF26-365W	DNA-120-BF26-370W
STCrated Output P_{mpp} (W)	360W	365W	370W
Module Efficiency	19.73%	20.01%	20.28%
Open Circuit Voltage V_{VOC} (V)	40.8	41.1	41.4
Short Circiut Current I_{SC} (A)	11.12	11.19	11.26
Rated Voltage V_{mmp} (V)	34.0	34.3	34.5
Rated Current I_{mmp} (A)	10.59	10.66	10.72

Standard Test Conditions for front-face of panel: 1000 W/m², 25°C, measurement uncertainty $\leq$3%

Temperature Coefficients

Temperature Coefficients P_{mmp}	-0.36%
Temperature Coefficients I_{sc}	+0.0449%/°C
Temperature Coefficients V_{OC}	-0.28%/°C
Normal Operating Cell Temperature (NOCT)	45°C

Test Operating Conditions

Maximum Series Fuse	20A
Maximum System Voltage	1,500 VDC (UL&IEC)
Maximum Load Capacity (Per UL 1703)	5400 Pa Snow Load / 6200 Pa Wind Load
Fire Performance Class	Class C/Type 1

Packaging Configuration

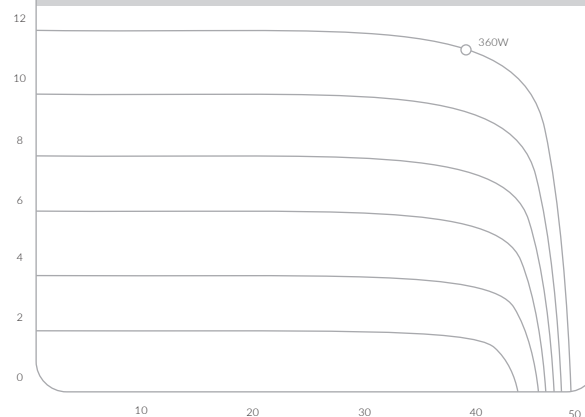|	
Number of Modules per Pallet	31
Number of Pallets per 40ft. Container	26
Pallet Dimensions	1780 X 1125 X 1171 mm
Pallet Weight (kg)	653
Number of Modules per 40ft Container	806

Certifications

c UL us LISTED
[PHOTOVOLTAIC MODULE OVER 600 VOLTS] ES11348

CE

CSA C us

STATE OF CALIFORNIA ENERGY COMMISSION

Mechanical Properties

Cell Type	Monocrystalline
Glass	3.2mm, anti-reflection coating, high transmission, low iron, tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68
Dimensions	1756 X 1039 X 35mm, 69.1 X 40.9 X 1.3 in
Weight	42.9lbs,19.5kg
Output Cable	4mm2 (EU)12AWG
Cable Length	1200mm
Encapsulant	POE
Connector Type	Staubli EVO2

I-V Curve

360W

Bifacial Output

Pmpp(W) at STC	360	365	370
Bi-facial Boost 5%	378	383	389
Bi-facial Boost 10%	414	420	426
Bi-facial Boost 15%	450	456	463

aptos solar technology