# DNA<sup>TM</sup> 120

# Solar for Innovators

#### Residential I Commercial





3140 De La Cruz Blvd., Ste 200 Santa Clara, CA 95054 wwww.aptossolar.com info@aptossolar.com

# Designed & Engineered in Silicon Valley 370W | 365W | 360W

Our DNA<sup>™</sup> Split Cell Series impressively combines advanced solar technologies to maximize performance. Our patented Dual Nano Absorber (DNA<sup>™</sup>) Technology allows the panel to operate at high-efficencies in extreme temperatures. Contact our sales team today to learn more about our line of high-efficienty solar panels.



Patented DNA<sup>™</sup> technology boosts power performance & module efficiency



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 210 mph wind speeds

# intertek CE

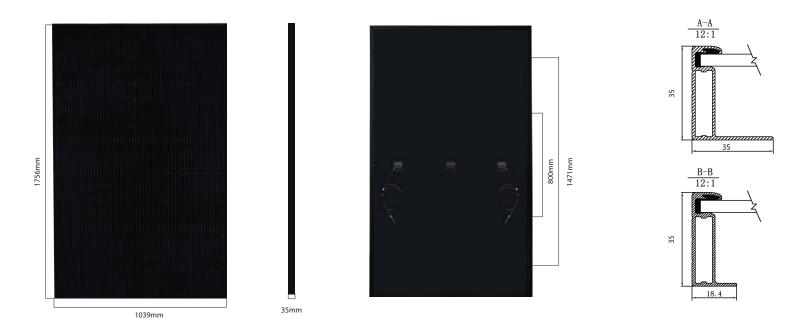


### Linear Performance Warranty



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Electrical Specifiactions	DNA-120-MF26-360W	DNA-120-MF26-365W	DNA-120-MF26-370W
STCrated Output $P_{_{mpp}}$ (W)	360W	365W	370W
Module Efficiency	19.73%	20.01%	20.29%
Open Circuit Voltage V <sub>voc</sub> (V)	40.6	40.7	40.8
Short Circiut Current ${\rm I}_{\rm sc}$ (A)	11.24	11.36	11.51
Rated Voltage $V_{_{mmp}}$ (V)	33.8	33.96	34.06
Rated Voltage $I_{_{mmp}}$ (A)	10.66	10.75	10.87
Standard Test Conditions for front-face of panel: 1000 W	//m², 25°C, measurement und	certainty <3%	

### Temperature Coefficients

Temperature Coefficients P <sub>mmp</sub>	-0.36%
Temperature Coefficients I <sub>sc</sub>	+0.05%/°C
Temperature Coefficients V <sub>oc</sub>	-0.29%/°C
Normal Operating Cell Temperature (NOCT)	44°C

#### Test Operating Conditions

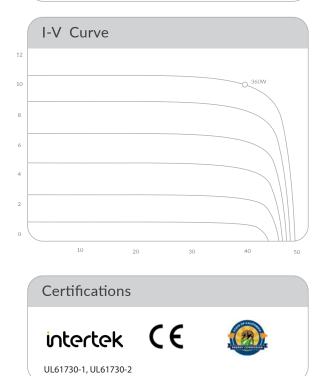
Maximum Series Fuse	20A
Maximum System Voltage	1,000 VDC (UL&IEC)
Maximum Load Capacity (Per UL 1703)	5400 PA Snow Load / 210mph Wind Rating
Fire Performance Class	Class C/Type 1

#### Packaging Configuration

Number of Modules per Pallet	30
Number of Pallets per 40ft. Container	26
Pallet Dimensions	1770 X 1090 X 2365
Pallet Weight (kg)	640
Container Weight (kg)	16640

#### 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
Output Cable	4mm2 (EU)12AWG,39.37in.(1200mm)
Weight	45.19lbs.(20.5kg)
Cable Length	1200mm
Encapsulant	POE



# aptos