

# Blacker & Better

## True Black 1666

330W / 335W

[www.kada-tech.com](http://www.kada-tech.com)

### True Black Technology

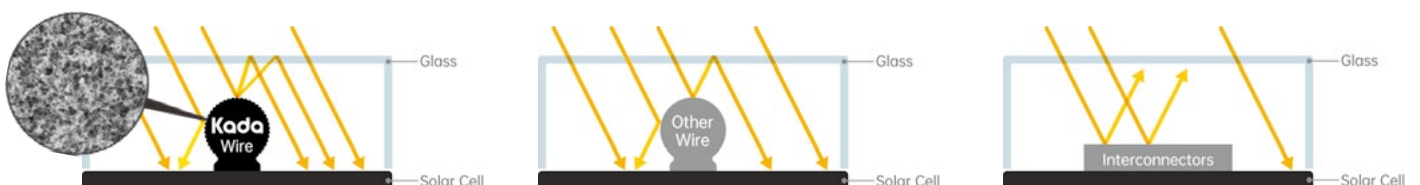
Based on nanotechnology, very fine holes are formed on the surface of the circular ribbon to reduce the diffuse reflection of part of the light and ensure as much light as possible is eventually absorbed into the solar cell. It makes the silver ribbon invisible, so the whole panel become true black and more beautiful.

True Black panel absorb and use light more efficiently, and effectively reduce glare as well.

Best choice to decorate the roof

Excellent outdoor power generation performance

High panel quality ensures long-term reliability



## ELECTRICAL TYPICAL VALUES

Model	KD10-85-330M		KD10-85-335M	
	STC	NMOT	STC	NMOT
Testing Condition	STC	NMOT	STC	NMOT
Rated Power (Pmpp) /W	330	246	335	250
Rated Voltage (Vmpp) /V	34.34	31.76	34.69	32.07
Rated Current (Impp) /A	9.61	7.74	9.66	7.78
Open Circuit Voltage (Voc) /V	41.70	39.45	42.04	39.77
Short Circuit Current (Isc) /A	10.23	8.24	10.31	8.31
Panel Efficiency /%	19.81		20.11	

STC (Standard Testing Conditions): Irradiance 1000W/m<sup>2</sup>, AM 1.5, Cell Temperature 25°C

NMOT (Nominal Panel Operation Temperature): Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/s

## ABSOLUTE MAXIMUM RATING

Operating Temperature	From -40 to +85° C
Hail Diameter @ 80km/h	Up to 25mm
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Maximum Series Fuse Rating	20A
PV Panel Classification	II
Fire Rating (IEC 61730)	C
Panel Fire Performance (UL1703)	Type 4
Maximum System Voltage	DC 1000V/1500V

## MECHANICAL CHARACTERISTICS

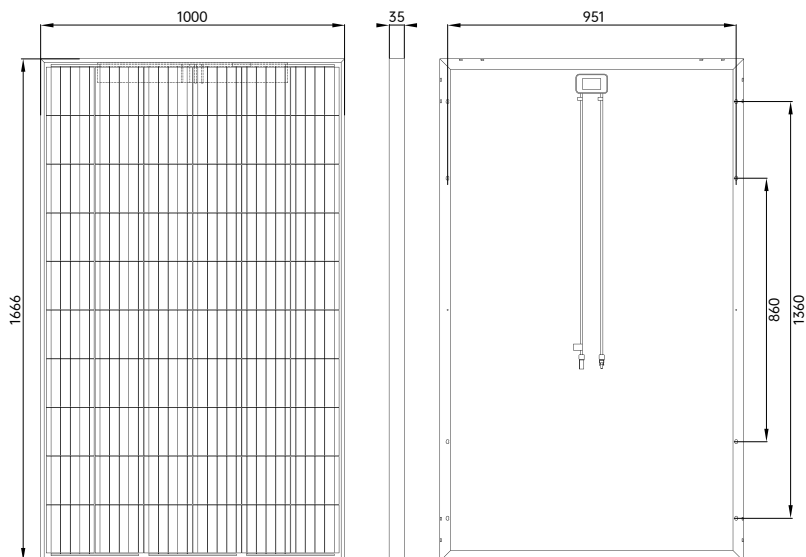
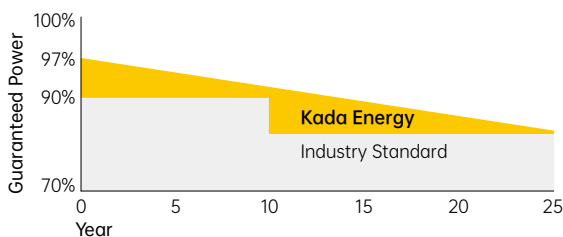
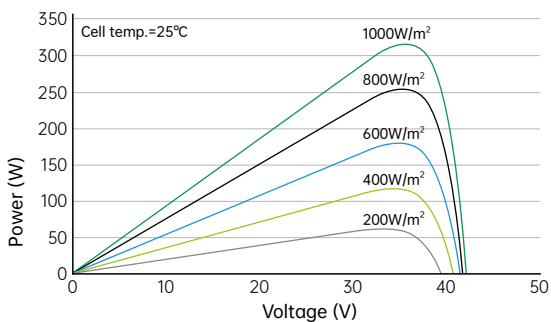
Cell Type	Monocrystalline
Dimension (L × W × H)	1666 × 1000 × 35mm
Weight	18.0kg
Front Glass	3.2mm Toughened Glass
Frame	Anodized Aluminium Alloy
Cable	4mm <sup>2</sup> (IEC), Length: 450mm+/250mm - or Customized Length
Junction Box	IP68 Rated

## TEMPERATURE RATINGS

Voltage Temperature Coefficient	-0.300 %/°C
Current Temperature Coefficient	+0.050 %/°C
Power Temperature Coefficient	-0.380 %/°C
Tolerance	0~+5 w
NMOT	43±2 °C

## PACKING CONFIGURATION

Container	20' GP	40' HQ
Pieces / Container	318	924



**12**  
YEAR

Warranty for Materials  
and Processing

**25**  
YEAR

Warranty for Extra Linear  
Power Output

**Kada**<sup>®</sup>

Note: This datasheet is not legally binding. Kada Energy Co., Ltd. reserves the right to adjust specifications without notice. Further information please refer to our E-mail: [info@kada-tech.com](mailto:info@kada-tech.com)

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