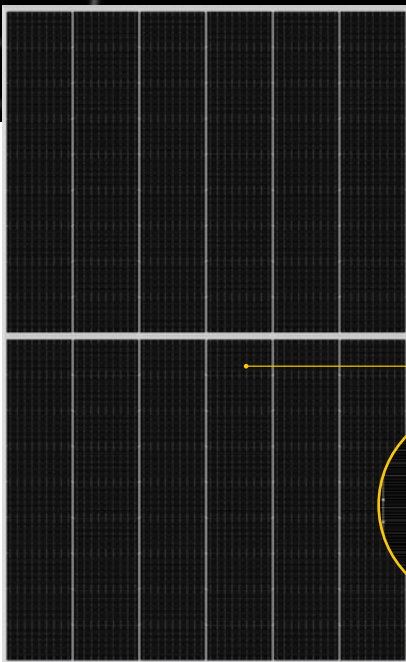


Premium 1722

405W / 410W / 415W

www.kada-tech.com



MBB HC
Technology



Multi Busbar Technology

Better light trapping and current collection to improve module power output and reliability.



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



Reduced Hot Spot Loss

Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.



Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.

ELECTRICAL TYPICAL VALUES

Model	KD10-108-405M		KD10-108-410M		KD10-108-415M	
	STC	NMOT	STC	NMOT	STC	NMOT
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT
Rated Power (P _{mp}) /W	405	301	410	305	415	309
Rated Voltage (V _{mp}) /V	30.52	28.56	30.62	28.72	30.79	28.88
Rated Current (I _{mp}) /A	13.27	10.55	13.39	10.62	13.48	10.69
Open Circuit Voltage (V _{oc}) /V	37.06	34.98	37.14	35.05	37.31	35.21
Short Circuit Current (I _{sc}) /A	13.85	11.19	13.92	11.24	14.01	11.32
Panel Efficiency /%	20.74		21.00		21.25	

STC (Standard Testing Conditions): Irradiance 1000W/m², AM 1.5, Cell Temperature 25°C

NMOT (Nominal Panel Operation Temperature): Irradiance 800W/m², 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

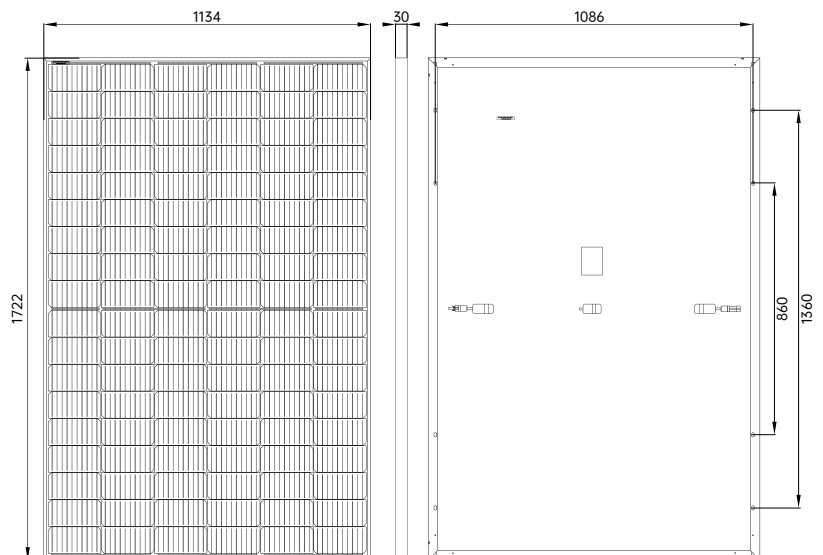
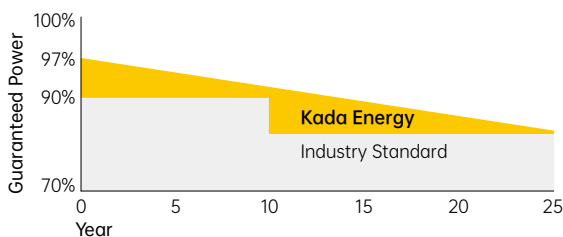
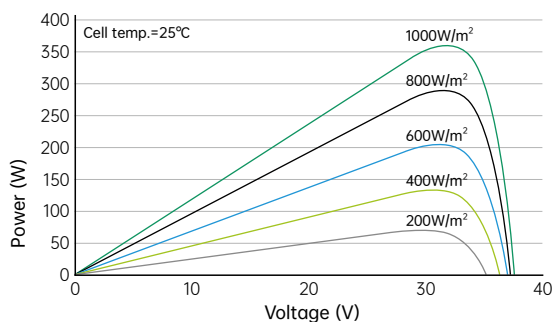
Cell Type	Monocrystalline
Dimension (L × W × H)	1722 × 1134 × 30mm
Weight	22.0kg
Front Glass	3.2mm Toughened Glass
Frame	Anodized Aluminium Alloy
Cable	4mm ² (IEC), Length: 400mm+/200 mm - or Customized Length
Junction Box	IP68 Rated

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	216	936



12
YEAR

Warranty for Materials
and Processing

25
YEAR

Warranty for Extra Linear
Power Output

Kada[®]

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

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