

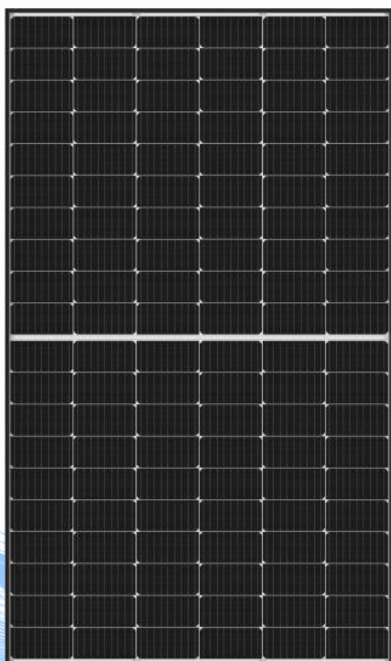


Kingdom Solar is the world's leading green energy manufacturer, committed to making clean energy illuminate every corner of the world. We strive to provide high-efficiency, high-quality and low-cost clean energy solutions. Kingdom solar insists on continuous innovation around customer needs. We invest heavily in technology research, and promotes green energy in the world. Contribute to the early realization of carbon peak and carbon neutrality.

## Classic Black Frame panel, 166MM Series !

Maximum Output Wattage **375W**, Positive Tolerance **0~+3W**, Highest efficiency **20.55%**

### KEY FEATURES



#### Module efficiency up to 20.55%

Highest power brings lowest kilowatt-hour cost, highest lifetime generating capacity, simultaneously lowest annual power attenuation.

#### PID Resistant

Excellent PID resistance test, and also can be improved to meet highest standards for the particularly harsh environment

#### Low-Light Performance

Excellent power generation performance under low-light conditions with MBB technology

#### Anti-Crack

Excellent anti-microcracking performance with more balanced interior stress

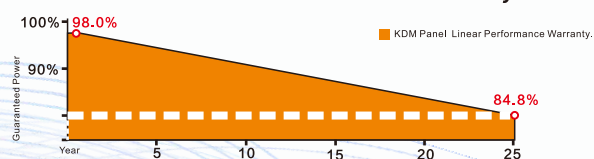
#### Strength and Durability

Certified for 5400Pa snow and 2400Pa loads test.

**12+ Material & Workmanship warranty**

**25+ Linear power output warranty**

#### KDM Panel Linear Performance Warranty



## ELECTRICAL PARAMETERS AT STC & NOCT

Module Type	KDM355-120HF		KDM360-120HF		KDM365-120HF		KDM370-120HF		KDM375-120HF	
Rated Maximum Power (Pmax) [W]	355	264	360	268	365	272	370	275	375	279
Maximum Power Voltage (Vmp) [V]	33.81	30.75	34	31.14	34.18	31.36	34.36	31.57	34.53	31.7
Maximum Power Current (Imp) [A]	10.5	8.59	10.59	8.6	10.68	8.66	10.77	8.72	10.86	8.8
Open Circuit Voltage (Voc) [V]	40.39	38.04	40.58	38.22	40.76	38.39	40.94	38.56	41.12	38.73
Short Circuit Current (Isc) [A]	11.23	9.07	11.32	9.14	11.41	9.22	11.5	9.29	11.59	9.36
Module Efficiency [%]	19.46		19.73		20.01		20.28		20.55	

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25°C AM=1.5

NOCT: Irradiance 800 W/m<sup>2</sup> ambient temperature 20°C wind speed: 1m/s

Cell Type	Monocrystalline	OPERATING CONDITIONS	
Cell Dimensions	166mm	Power Tolerance (W)	(0,+3%)
Cell Quantity	120pcs	Maximum System Voltage (V)	1000/1500VDC(IEC)
Weight	21kg	Temperature Coefficient Pmax	-0.35 %/°C
Module Dimensions	1756*1039*35mm	Temperature Coefficient Voc	-0.29%/°C
Cable	4.0 mm <sup>2</sup> positive pole:240mm negative pole: 120mm,wire length can be customized	Temperature Coefficient Isc	+0.048 %/°C
Front Glass	3.2 mm Anti-Reflection Coating HighTransmission Low Iron Tempered Glass	Nominal Operating Cell Temperature	45±2 °C
Frame	Anodized aluminium alloy	Operating Temperature	-40°C~+85°C
Junction Box	Ip68 Rated	Maximum Series Fuse	20A
Connector	MC4-EVO2	PACKING CONFIGURATION	
Mechanical Load	Front side 5400Pa/ Rear side 2400Pa	Quantity/Cartoon	30pcs/big cartoon,4pcs small cartoon
		Pallets/Container	13big pallet/40HQ
		Quantity/Container	832pcs/40HQ

