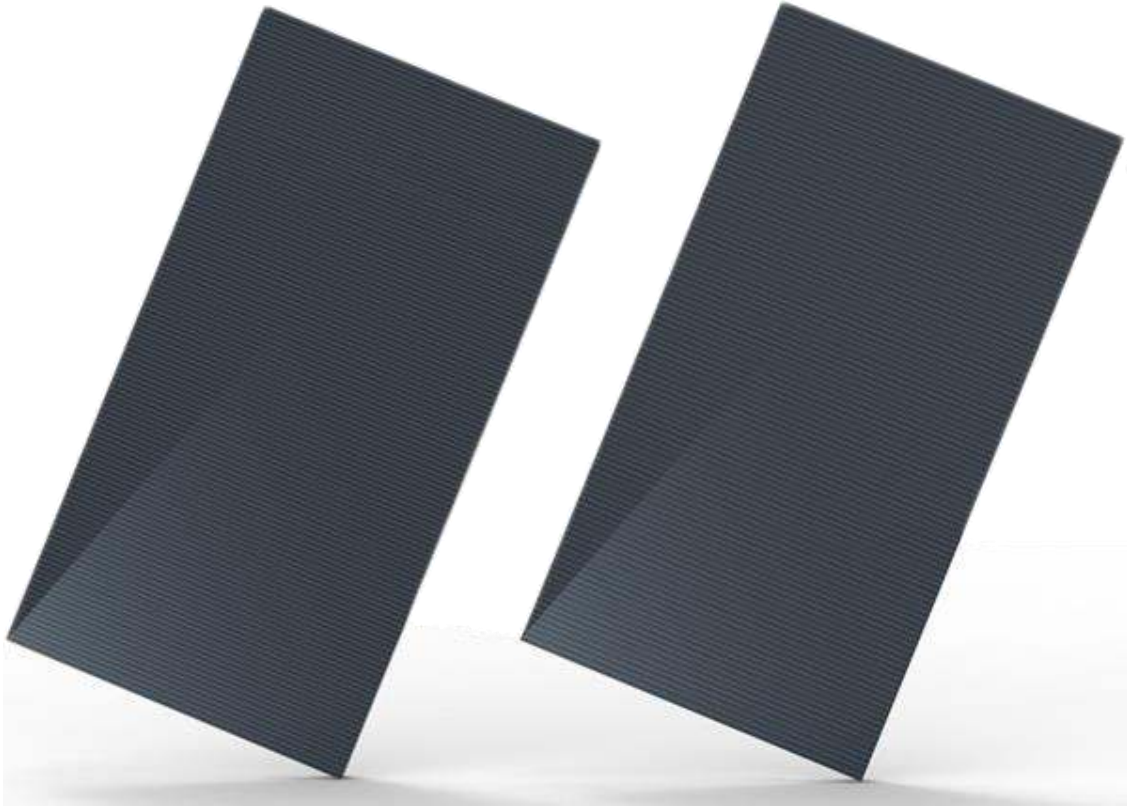


# Product Brochure



## Standard PV Module Solar Glass – RK 110



RUIKE NEW ENERGY  
瑞科新能源  
地蕴天成·能动无限

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## Mechanical Specifications

Dimensions	1200×600×6.8mm
Weight	12kg
Area	0.72m <sup>2</sup>
Structure	3.2CdTe+0.5EVA+3.2C
Type	CdTe
Junction Box	Back,Side,Cable 2.5m <sup>2</sup> ,650±10mm
Connectors	MC4

## Electrical Specifications

Model	RK-105	RK-110	RK-115
Nominal Power(Pmpp)	105Wp	110Wp	115Wp
Power Tolerance	±5%	±5%	±5%
Short Circuit Current(Isc)	1.24A/2.48A	1.24A/2.48A	1.25A/2.50A
Open Circuit Voltage(Voc)	123.8V/61.9V	126.1V/63.1V	126.5V/63.3V
Current at Pmax(Imp)	1.08A/2.16A	1.11A/2.22A	1.14A/2.28A
Voltage at Pmax(Vmpp)	97.2V/48.6V	99.8V/49.9V	100.8V/50.4V

Layer structure: 3.2CdTe+0.5EVA+3.2C



## Light & Heat Performance

Transmittance	0 %
Outward Reflectivity	8 %
Inward Reflectivity	30 %
U-value (W/m <sup>2</sup> ·K)	5.76
Sc	0.31
Rw (dB)	34

## Specifications for System Integration

Max System Voltage	DC1000V(IEC)
Max Reverse Current	6 A
Snow Load	5400 Pa(IEC)
Wind Load	2400 Pa(IEC)
Temperature Range	-40°C~+85°C
Anti-hail Range	IV
Protection Level	IP65
Burning Class	A2
Anti-hail Range	IV
Temperature Coefficient (Pmax)	-0.28%/°C
Temperature Coefficient (Voc)	-0.28%/°C
Temperature Coefficient (Isc)	+0.04%/°C