

RICH MODULE

RS-M50 50Wp

MONO-CRYSTALLINE SOLAR PANEL

EFFICIENCY

- Low voltage-temperature coefficient allows higher power output at high-temperature condition
- High efficient, high reliable solar cells ensure our product output stability

MATERIALS

- Advanced EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- The sturdy, anodized aluminum frame allows the modules to be mounted on a variety of standard racking systems and to withstand harshest conditions
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells
- Innovative, environmentally friendly packing method using pile-edges ensures modules arrive in perfect condition
- New frame design incorporating hexagonal shaped drainage holes, with more grounding holes, provide flexible installation and use

BENEFITS

- Manufactured in an ISO 9001:2000 certified plant
- High efficiency, high safety, high reliability
- Output power tolerance of +/-3%
- 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship

NOTE

This publication summarizes product warranty and specifications, which are subject to change without notice. Additional information may be found on our web site: www.richsolar.com



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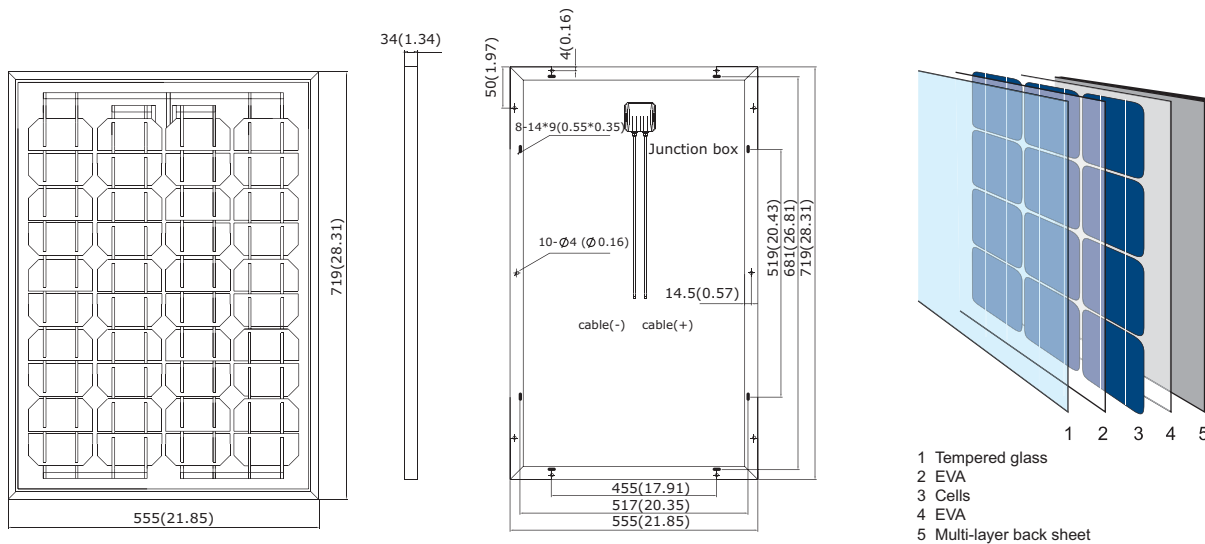
RS-M50 50Wp MONO-CRYSTALLINE SOLAR PANEL

SPECIFICATIONS

Model type	RS-M50
Peak power(Pmax)	50W
Weight	5.0kg(11.0lbs)
Dimensions	719×555×34mm(28.3×21.9×1.3inch)
Maximum power voltage (Vmp)	20.2V
Maximum power current (Imp)	2.48A
Open circuit voltage (Voc)	24.6V
Short circuit current (Isc)	2.81A
Maximum system voltage	DC 1000V
Temp. Coeff. of Isc (TK Isc)	0.058 %/°C
Temp. Coeff. of Voc (TK Voc)	-0.367 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.485 %/°C
Normal Operating Cell Temperature	44.4±2 °C

Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C.

PHYSICAL CHARACTERISTICS Unit:mm(inch)



Electrical Performance cell temperature: 25°C

