

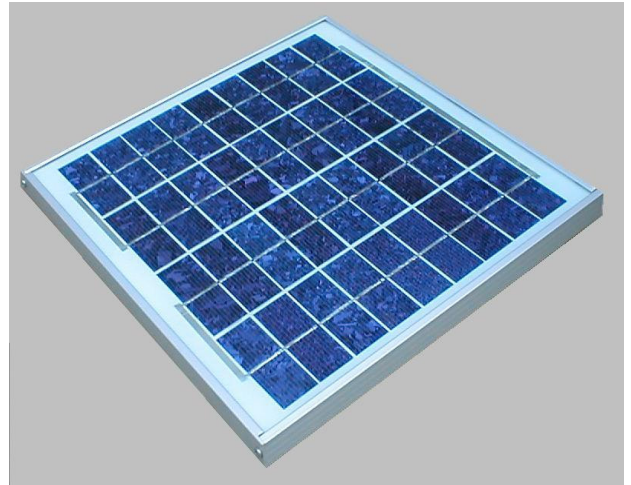


Model KS20

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MULTICRYSTAL PHOTOVOLTAIC MODULE

TYPICAL OUTPUT 20 Wp



HIGHLIGHTS OF KYOCERA PHOTOVOLTAIC MODULES

Kyocera's advanced cell processing technology and automated production facilities have produced a highly efficient multicrystal photovoltaic module.

These cells are encapsulated between a tempered glass cover and an EVA potant with PVF back sheet to provide maximum protection from the severest environmental conditions.

The entire laminate is installed in an anodized aluminium frame to provide structural strength and ease of installation.

APPLICATIONS

- Microwave / radio repeater stations
- Electrification of villages in remote areas
- Medical facilities in rural areas
- Power source for summer vacation homes
- Emergency communication systems
- Water quality and environmental data monitoring systems
- Navigation lighthouses, and ocean buoys
- Pumping systems for irrigation, rural water supplies and livestock watering
- Aviation obstruction lights
- Cathodic protection systems
- Desalination systems
- Recreational vehicles
- Railroad signals
- Sailboat charging systems

SPECIFICATIONS

■ Electrical Specifications

| | |
|-----------------------|------------|
| Maximum Power | 20 Watts |
| Maximum Power Voltage | 16.9 Volts |
| Maximum Power Current | 1.20 Amps |
| Open Circuit Voltage | 21.5 Volts |
| Short-Circuit Current | 1.24 Amps |

■ Physical Specifications

| | |
|--------|--------|
| Length | 520 mm |
| Width | 352 mm |
| Depth | 22 mm |
| Weight | 2.5 kg |

Note: The electrical specifications are under test conditions of Irradiance of 1 kW/m², Spectrum of 1.5 air mass and cell temperature of 25°C

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