

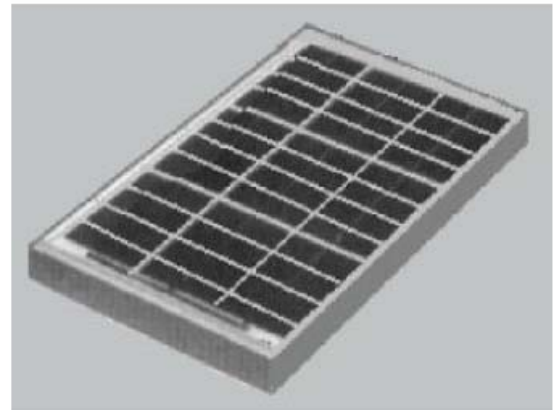


KS5

MULTICRYSTAL PHOTOVOLTAIC MODULE

TYPICAL OUTPUT 5 Wp

Model KS5



HIGHLIGHTS OF KYOCERA PHOTOVOLTAIC MODULES

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

These cells are encapsulated between a tempered glass cover and an EVA pottant 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
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SPECIFICATION

■ Electrical Specification

Maximum Power	5 Watts
Maximum Power Voltage	16.9 Volts
Maximum Power Current	0.29 Amps
Open Circuit Voltage	21.5 Volts
Short-Circuit Current	0.31 Amps

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

■ Physical Specification

Length	205 mm
Width	352 mm
Depth	22 mm
Weight	1.2 kg

The contents of this catalogue are subject to change without prior notice for further improvement.

Características principais:

Potência nominal:	12Vcc
Potência máxima (Pmax):	5W
Tensão em potência máxima (Vmp):	16V
Corrente em potência máxima (Imp):	0,3A
Corrente de curto circuito (Isc):	0,35A
Tensão em circuito aberto (Voc):	20V

Aplicações típicas:

Este produto é utilizado em cercas elétricas, pequenas lanternas, CFTV, telemetria, monitoramento remoto entre outros.