

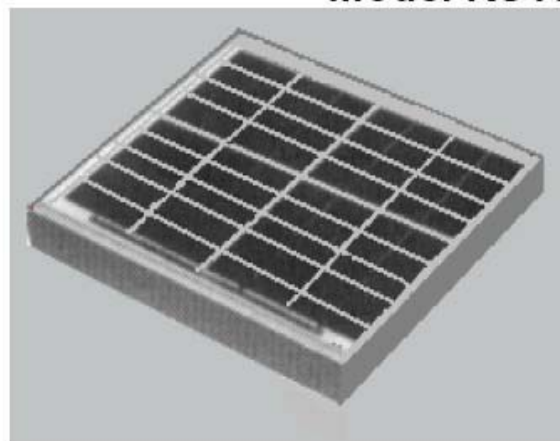


Model KS10

# KS10

## MULTICRYSTAL PHOTOVOLTAIC MODULE

TYPICAL OUTPUT 10 Wp



### 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 most severe 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	10 Watts
Maximum Power Voltage	16.9 Volts
Maximum Power Current	0.60 Amps
Open Circuit Voltage	21.5 Volts
Short-Circuit Current	0.62 Amps

#### ■ Physical Specifications

Length	304 mm
Width	352 mm
Depth	22 mm
Weight	1.8 kg

Note: The electrical specifications are under test conditions of Irradiance of 1 kW/m<sup>2</sup>, Spectrum of 1.5 air mass and cell temperature of 25°C

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

**Características principais:**

Potência nominal: 12Vcc

Potência máxima (Pmax): 10W

Tensão em potência máxima (Vmp): 16V

Corrente em potência máxima (Imp): 0,6A

Corrente de curto circuito (Isc): 0,7A

Tensão em circuito aberto (Voc): 20V

**Aplicações típicas:**

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

Informações mais detalhadas sobre garantia do fabricante, dimensões e características podem ser obtidos no catálogo específico disponível para download.