

SOLAR MODULES

SOLAR MODULE 130 WATTS

HIGHLIGHTS PV MODULES

Advanced cell processing technology and automated production facilities produce a highly efficient polycrystalline photovoltaic module. The conversion efficiency of the Kyocera solar cell is over 16%. These cells are encapsulated between a tempered glass cover and a potent with back sheet to provide efficient protection from the severest environmental conditions. The entire laminate is installed in an anodized aluminum frame to provide structural strength and ease of installation.

APPLICATIONS

GRID-CONNECTED SYSTEMS :

- Residential Solar Power Systems
- Public and Industrial Solar Power Systems

STAND-ALONE SOLAR POWER SYSTEMS FOR :

- Villages in remote areas
- Homes and summer cottages
- Microwave / Radio repeater stations
- Medical facilities in rural areas
- Emergency communication
- Water quality and environmental data monitoring
- Drinking water and livestock water pumping
- Irrigation pumping
- Cathodic protection
- Aviation obstruction lights
- Environmental data monitoring
- Railway signals
- Street lighting
- Desalination etc



LIMITED PERFORMANCE WARRANTY

- 2 years limited warranty on material and workmanship
- 25 years limited warranty on power output.

SPECIFICATION

Specification	Value
Electrical Data	
Maximum Power (Pmax)	[W] 130
Tolerance	[%] +10/-5
Maximum Power Voltage	[V] 17.6
Maximum Power Current	[A] 7.39
Open Circuit Voltage Voc	[V] 21.9
Short Circuit Current Ioc	[A] 8.02
Temp. Coefficient of Voc	[V/ °C] -8.21 x 10 ⁻²
Temp. Coefficient of Isc	[A/ °C] 1.58 x 10 ⁻³
NOCT	[°C] 47
Max System Voltage	[V] 750
Dimension	
Length (mm)	1425
Width (mm)	652
Depth without box (mm)	36
Weight (Kg)	11.9
Cells	
Number per module	36
Cell Technology	Polycrystalline
Cell Shape	Rectangular