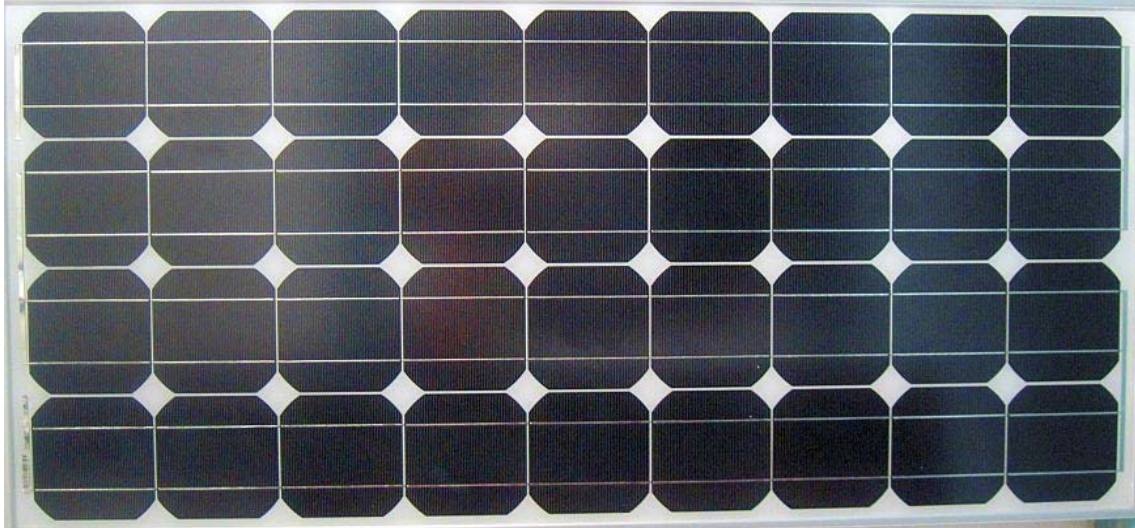


EXMORK

艾莫克新能源

MONOCRYSTALLINE SOLAR PANEL EXMORK 80 Wp/12VDC



Specifications:

Type: Polycrystalline PV Module 12V

Model: 80C

Maximum Power: 80 Wp $\pm 3\%$

Open Circuit Voltage: 22VDC

Maximum Power Voltage: 17.4 VDC

Short Circuit Current: 4.98 A

Maximum Power Current: 4.61 A

Dimensions: 1200 x 550 x 35 mm

Junction Box with 2 Bypass Diodes



WARRANTY:

Technical defects: 2 years

Power degradation: 10 year 90%, 25 years 80%



For over 10 years we have been specializing in wind and water power products. We service everything we sell. Scores of companies come and go, but we have consistently been in the market to take care of our customers. We use high quality cells from SunTech: Good quality, low-priced: -renewable power need not cost the earth!

TEST REPORT OF EX 80C

TEST CONDITION :1000w/m², AM1.5, 25°C

Parameters type		EX-80M
		Mono-crystalline silicon
Maximum power (watt)	W	80
Production tolerance		+3% /-3%
Maximum power voltage	V	17.4V
Maximum power current	A	4.98A
Open circuit voltage	V	22V
Short circuit current	A	4.61A
Size of module		1200*550*35mm
Frame(type, material and thickness)		Anodized Alum. Alloy 35mm thickness
Type of cells		156*156mm,Monocrystalline
By pass Schottky diode(3pcs)		10A
Type of junction box		TUV certified junction box
Certificates		CE, ROHS
Cable type and length, connector type		4mm ² TUV certified cable 90cm long Multi contact connector (compatible to MC type IV)
Maximum system voltage		1000V
Temperature coefficient of Isc		±0.05%
Temperature coefficient of Voc		-0.33%
Temperature coefficient of power		-0.23%
Temperature coefficient of Imp		+0.08%
Temperature coefficient of Vm		-0.33%
NOCT(nominal operating cell temperature)		45°C
Insulation		100MOhm
Voltage standoff		AC2000V, DC 3000V
Wind bearing		60m/s(200kg/sq.m)
Impact resistance hail impact test		227g steel ball fall down from 1m height
Encapsulated with toughened glass		Low iron tempered glass with thickness of 3.2mm,light transmittance above91%
Superstrate in front		Hi-sheet RC 02B (0.45mm thick)/Japan
Backside foil		PTL3-38/75(0.17mm thick),Krempel/Germany
Conversion efficiency		Cell conversion efficiency: 15.75%
Container		20'(480pcs) 40'(1000pcs)
Quality guarantee		2years product warranty,10years 90% and 25yedr 80% of the power