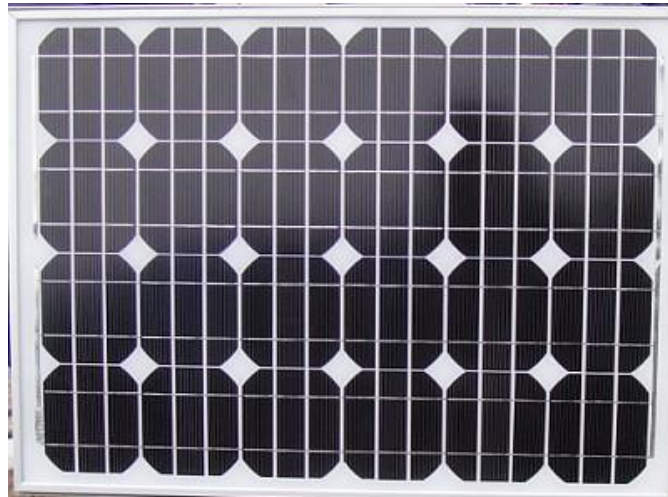


500 WATTS SOLAR POWER KIT

PURE ENER G 130 watts solar panel



Parameters	type	PEVM-12V130M
		Mono-crystalline silicon
Maximum power (watt)	W	130
Production tolerance		+3% /-3%
Maximum power voltage	V	17.5
Maximum power current	A	7.43
Open circuit voltage	V	21.88
Short circuit current	A	8.01
Size of module (wide and high)		1482*670*35(MM)
Frame(type, material and thickness)		Anodized Alum. Alloy 35mm thickness
Number of cells		36pcs
Size of cells(wide and high)		125mm*125mm ,mono cell
Weight per piece	KG	12
By pass Schottky diode(2pcs)		10A
Type of junction box		TUV certified junction box
Certificates		CE, ROHS
Cable type and length, connector type		4cm ² TUV certified cable 1m long Multi contact connector (compatible to MC type IV)
Maximum system voltage		1000V
Temperature coefficient of Isc		±0.05%°C
Temperature coefficient of Voc		-0.33%°C
Temperature coefficient of power		-0.5%°C
Temperature coefficient of Imp		+0.08%°C
Temperature coefficient of Vm		-0.33%°C
NOCT(nominal operating cell temperature)		45°C (± °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 above 91%
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%
Quality guarantee		2years product warranty,10years 90% and 25years 80% of the power

SOLAR CHARGE CONTROLLER



PWM or ON/OFF series battery charging

- State of charge (SOC) battery regulation
- Battery Ah setting, boost charging, equalising charging, float charging
- Automatic load reconnection, manual load switch
- Automatic selection of voltage (12 V / 24 V)
- Temperature compensation
- LCD display: SOC as a fuel gauge, all system parameters in digital value, system status as symbols
- Full circuit protection, electronic fuse
- Field adjustable parameters by four buttons

1000 watts power inverter



INPUT VOLTAGE	DC12V
OUTPUT VOLTAGE	AC220~240±10%
CONTINUOUS POWER	1000W
PEAK POWER	2000W
OUTPUT WAVEFORM	Pure Sine Wave
FREQUENCY	60/50Hz
EFFICIENCY	>90%
LOWER INPUT VOLTAGE WARNING	10.5VDC+0.5V
LOWER VOLTAGE PROTECTION	10VDC+0.5V
HIGH VOLTAGE PROTECTION	15VDC+0.5V
STATIC CURRENT	<0.6A
OVERLOADING PROTECTON	>1000W

DEEP CYCLED BATTERY



100 AH / 12V MOTOLITE SOLAR MASTER

4	Pc	(PEPM-12V130M) 130 watts solar panel	P 32,500.00	P 130,000.00
1	Pc	(EPIP-60A) 40Amp Solar Charge Controller	P 19,800.00	P 19,800.00
1	Pc	Power Inverter 1000watts (PURE SINE WAVE)	P16,500.00	P 16,500.00
5	Pc	Solar Master Deep cycled Battery 100AH	P 6,500.00	P 32,500.00
			TOTAL	P 198,900.00
QTY	UNIT	APPLIANCES / EQUIPMENTS	RATINGS	No. Of hrs / day
2	Pc	Electric Fan	60 watts	6 hrs
10	pcs	CFL bulb	15 watts	6 hrs
1	pc	TV	75 watts	4 hrs
1	pc	DVD player	50 watts	3 hrs
1	Pc	Stereo Component	50 watts	2 hrs
1	pc	Washing Machine	300 watts	1 hr
or				
4	Pc	LED Flood light	70 watts	8.5 hrs

NOTE:

**Price does not include installation, wirings & mounting brackets.

** Prices are VAT exclusive.