

EL[®]MARK

The Brand of Electricity

SOLAR POWER SYSTEMS

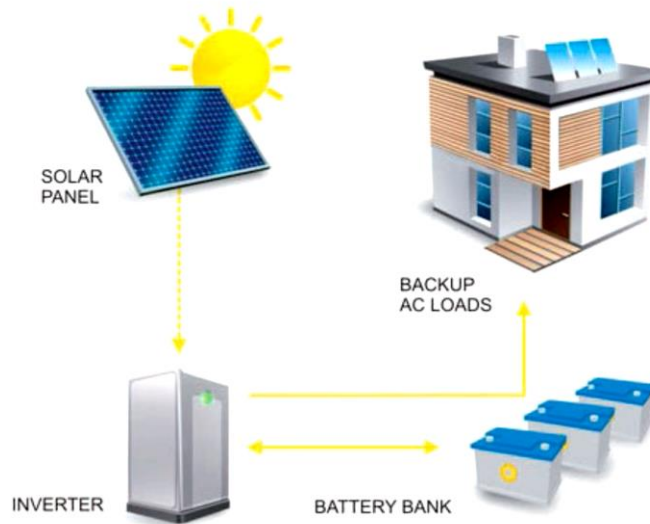


TECHNICAL SPECIFICATION

SOLAR POWER SYSTEMS

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- The Solar Home Power system is a fixed installation designed for domestic application. They is powered by solar energy using solar cells that convert solar energy (sunlight) directly to electricity.
- The Solar Home Power system are the perfect compact solution for an independent power supply in remote locations where electricity is unavailable, unreliable or expensive. Can be used in houses, Huts & Cottages, holiday areas, offices and etc
- The Solar Home Power system can achieve energy independence - no accession contracts, monthly charges and the need to build an energy grid to your home.
- The Solar Home Power Systems are compact, portable and easily mountable. They are an economical solution to all your power problems.



HOME SOLAR POWER SYSTEM 500W SET:



FUNCTION:

- Solar power supply

SOLAR PANEL:

- Type: Polycrystalline 18V 150W
- Optimum Operating Voltage: 18V
- Optimum Operating Current: 8.33A
- Open- Circuit Voltage: 20.88V
- Short- Circuit Current: 9.57A
- Power: 150W
- Sizes LxWxH(mm): 1490x680x5

INVERTER:

- 500W
- Output
 - USB 5V
 - 12V DC
 - 220V AC: Universal socket
- Size LxWxH (mm): 200x94x228

SET INCLUDED:

- Solar panel 18V 150W: 1pc
- Inverter 500W: 1pc

Type	Solar panel	Inverter	Battery	Packing/ Box (pcs)	Catalogue number
ELM- 500SOL	18V 150W	500W	75Ah Not included	1	98SOL500

Recommended with a battery 75Ah with a catalog number: [98BAT75](#)

Discharging time at 75% consumption from total Inverter power (about 375W) by using 75Ah battery: 2.4h

HOME SOLAR POWER SYSTEM 800W SET:



FUNCTION:

- Solar power supply

SOLAR PANEL:

- Type: Polycrystalline 18V 150W
- Optimum Operating Voltage: 18V
- Optimum Operating Current: 8.33A
- Open- Circuit Voltage: 20.88V
- Short- Circuit Current: 9.57A
- Power: 150W
- Sizes LxWxH(mm): 1490x680x5

INVERTER:

- 800W
- Output
 - USB 5V
 - 12V DC
 - 220V AC: Universal socket
- Size LxWxH (mm): 300x100x220

SET INCLUDED:

- Solar panel 18V 150W: 1pc
- Inverter 800W: 1pc

Type	Solar panel	Inverter	Battery	Packing/ Box (pcs)	Catalogue number
ELM- 800SOL	18V 150W	800W	105Ah Not included	1	98SOL800

Recommended with a battery 105Ah with a catalog number: [98BAT105](#)

Discharging time at 75% consumption from total Inverter power (about 600W) by using 105Ah battery: 2.1h

HOME SOLAR POWER SYSTEM 2000W SET:



FUNCTION:

- Solar power supply

SOLAR PANEL:

- Type: Polycrystalline 36V 250W
- Optimum Operating Voltage: 36V
- Optimum Operating Current: 13.89A
- Short- Circuit Current: 15.97A
- Power: 2x250W

INVERTER:

- 2000W
- Output
 - USB 5V
 - 12V DC
 - 220V AC: Universal socket
- Size LxWxH (mm): 300x100x220

SET INCLUDED:

- Solar panel 36V 250W: 2pc
- Inverter 2000W: 1pc

Type	Solar panel	Inverter	Battery	Packing/ Box (pcs)	Catalogue number
ELM- 2000SOL	36V 250Wx2	2000W	220Ah Not included	1	98SOL2000

Recommended with two battery 220Ah with a catalog number: [98BAT220](#)

Discharging time at 75% consumption from total Inverter power (about 1500W) by using 1 battery 220Ah: 1.7h

Discharging time at 75% consumption from total Inverter power (about 1500W) by using 2 battery 220Ah: 3.4h

