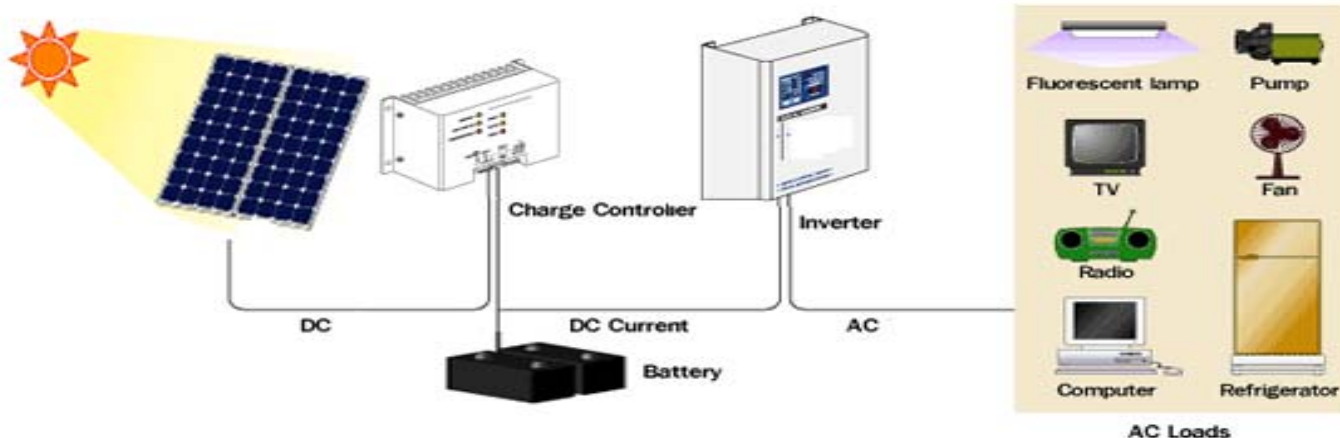


Solar home system is power sources for home appliances and suitable for household purposes.



STANDARD HOME/OFFICE SOLAR SYSTEMS – other capacities available upon request.

REF	Description	Examples of possible applications/uses
ATL00030	Solar home system for lighting equipments; Average daily power production up to: 240 Whp per day.	2 lights of 9 W energy saving compact lamp for 7 hours use, small radio, fan etc.. Include complete kit with solar panels , controller, system protection, solar batteries free maintenance , cables , energy saving lamps and accessories
ATL00050	Solar home system for lighting equipments; Average daily power production up to: 240 W/hp per day.	5-6 lights 9w/each 12VDC energy saving 6-8hours/Day, small radio, fan, stereo etc.. Average daily power production up to: 400 Watts/h per day. Include complete kit with solar panels , controller, system protection, solar batteries free maintenance , cables , energy saving lamps and accessories
ATL00150	Solar home system for lighting equipments and/or TV Control System: Solar energy control and charging system Microcomputer intelligent controller: Prevent the Over-load & Over-discharged short Circuit protection Average daily power production up to: 1200Whp per day.	3 Lights: 9w 12v DC 3-4hours/day + Fan: 3hours/day x1pc + Desk computer with Speaker: 4h/day x 1pc Or 3 Lights: 9w 12v DC 3-4hours/day + Fan: 3hours/day x1pc + radio & 21" TV Or 2 Lights: 11w 12v DC 4-5hours/day + Satellite television receiver 3-4hours/day x1pc + 21" TV 3-4 hours CAN POWER DC & AC 110/220V appliances Include complete kit with solar panels , controller, system protection, inverter dc-ac, free maintenance solar batteries , cables , energy saving lamps and accessories



ATL00500 Solar home system; * suitable for small size house

Control System: Solar energy control and charging system.
Microcomputer intelligent controller: Prevent the Over-load & Over-discharged short Circuit protection
Average daily power production up to: 4000 Whp per day.

Can support	Specification	Load power	Pcs	Operating time hours/day
Lighting	Energy-saving lamp	11W	6	4-6
Computer	Liquid crystal display	100W	1	5-6
Printer	Ink jet	30W	1	1
Electrograph	Ink jet	150W	1	1
Fridge(selectable)	150L	100W	1	24hours
Satellite television receiver /VCD		25W	1	6-7
Colour television	21 inch	70W	1	6
Pump		200W	1	0.5

Can work during continuous cloudy days.

CAN POWER DC & AC 110/220V appliances
Average daily power production up to: 4000 Watts/h per day.
Include complete kit with solar panels , controller, system protection, inverter dc-ac, free maintenance solar batteries , cables , energy saving lamps and accessories

ATL01600 Solar home system; * suitable for medium size house Average daily power production up to: 12800 Whp per day.



Can support	Specification	Load power	Pcs	Operating time Hours/day
Lighting	Energy-saving lamp	11W	8	6-8
Computer	Liquid crystal display	100W	2	6-7
Printer	Ink jet	250W	1	1
Electrograph	Ink jet	150W	1	2
Fridge-freezer	150L	100W	1	24
Washer		300W	1	0.5
Micro-wave-oven		1000W	1	1
Satellite television receiver/VCD		25W	1	6-8
Colour television	21 inch	95W	1	6-8
Water pump		400W	1	1

Can work in three continuous cloudy days.

Control System: Solar energy control and charging system
 Microcomputer intelligent controller: Prevent the Over-load & Over-discharged short Circuit protection .**CAN POWER DC12V & AC 110/220V appliances**
 Include complete kit with solar panels , controller, system protection, inverter dc-ac, free maintenance solar batteries , cables , energy saving lamps and accessories

ATL02000 Solar home system; * suitable for medium size house or office

Control System: Solar energy control and charging system
 Microcomputer intelligent controller: Prevent the Over-load & Over-discharged short Circuit protection

CAN POWER DC & AC 110/220V appliances

Average daily power production up to: 16000 Whp per day.

Include complete kit with solar panels , controller, system protection, inverter dc-ac, free maintenance solar batteries , cables , energy saving lamps and accessories

1. Refrigerator 24hours/day x1pc
2. 15 lights 9w 12VDC 8-9hours/day
3. 3 Desk Fans: 8hours/day x3pcs
4. 1 Ceiling fan:5-6hours
5. 1 TV: 6 hours/day
6. 1 DECK/Radio: 6-7 hours/day
7. 1 Fax machine: 24 hours/day
8. 10 Desk Computer:56ours/day
9. Printer: 2 hours/day x 1
10. Photocopy machine: 1 hour/day x 1pc



ATL04000 **MASTER SOLAR HOME/OFFICE SOLAR SYSTEM.** Suitable for general house use .Control System: Solar energy control and charging system

Microcomputer intelligent controller: Prevent the Over-load & Over-discharged short Circuit protection

Can power all typical electric appliances except electric AC AIR conditioners

CAN POWER DC & AC 110/220V appliances

Average daily power production up to: 32000 Whp per day. Include complete kit with solar panels , controller, system protection, inverter dc-ac, free maintenance solar batteries , cables , energy saving lamps and accessories



All this systems are standard configurations and supported charge may vary depending of use/efficiency of appliances and use given as well as sun radiation in the area Power productions based in minimum 8 hours sunshine.

ATL120
Basic solar kit



Basic solar kit just for powering few lights (ATL120) , it is a Solar DC Lighting system. It is ideal for places that needs long & bright lighting, Cost effective and simple to use. One day's charge by solar panel can support one energy saving light for 8 hours, and two light for 4 hours. With charge controller granting over charge, over discharge & over load protection. 12V/7Ah free maintenance solar battery included & efficient thin film solar panel

All above systems can power-up lights, TV and fans etc for basic needs in rural areas where electricity is not available or where there is no reliable power supply, they can be also used as emergency power systems. Battery: free maintenance solar battery are included in most of systems. We can supply the solar power systems for families, villages, hospitals, marine base centers, some special factories, or telecommunication centres worldwide from 1KW, 3KW, 5KW to +100KW .Other available systems and capacities are showed below

MODEL	DESCRIPTION	For example, they can be used for powering				
ATL00450	Solar home system for lighting equipments and/or TV, fans, radio or similar devices Control System: Solar energy control and charging system Microcomputer intelligent controller: Prevent the Over-load & Over-discharged short Circuit protection	1. 6-7 lights: 11w 12VDC 4hours/day 2. Desk Fan: 4hours/day x1pc 3. TV: 4-5hours/day x 1pc 4. Radio: 6hours/day x 1pc 5. Desk computer: 5-6 hours/day x 1pc 6. Satellite television receiver/VCD 4-5hours/day x 1pc CAN POWER DC & AC 110/220V appliances. Average daily power production up to: 3600 Whp per day. Include complete kit with solar panels , controller, system protection, inverter dc-ac, free maintenance solar batteries , cables , energy saving lamps and accessories				
ATL01200	Solar home system; * suitable for medium size house. Control System: Solar energy control and charging system. With microcomputer intelligent controller: Prevent the Over-load & Over-discharged short Circuit protection. CAN POWER DC & AC 110/220V appliances Average daily power production up to: 9600 Whp per day. Include complete kit with solar panels , controller, system protection, inverter dc-ac, free maintenance solar batteries , cables , energy saving lamps and accessories	Can support	Specification	Load power	Pcs	Operating time Hours/day
		Lighting	Energy-saving lamp	11W	8	6-7
		Computer	Liquid crystal display	100W	2	5-6
		Printer	Ink jet	250W	1	1
		Electrograph	Ink jet	150W	1	2
		Fridge-freezer	150L	100W	1	24
		Washer		300W	1	1
		Satellite television receiver/VCD		25W	1	6-7
		Colour television		95W	1	6-7
		Water pump		400W	1	0.5
		can work in three continuous cloudy days.				

Note: The above standard systems are only for orientation purposes and with standard applications and use, can be re-designed and offered upon request

Solar home power system ATL75

This system is sold often in rural village home use which can power up to 10 pcs of energy saving lights and 1 pc of colour TV and a radio/Deck. The complete system includes the following items:

- Average daily use : 600 Whp per day.
- Solar battery(free maintenance) 12v 100Ah x 1pc
- Solar charger controller 12v 10A x 1pc
- Inverter DC TO AC 220V 300Watts with charger x 1 pc
- 10pcs of 12V DC 5w or 7pcs 7w energy saving lights (optional)
- 10pcs of lamp holders- (optional)
- Cable, bolts, nails and standard accessories. Optional: stainless steel box with wheels



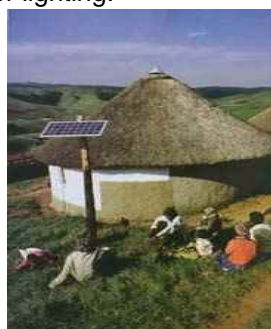
Solar Mobile Solar charging station COBRA

PROFESSIONAL SOLAR MOBILE STATION COMMERCIAL PURPOSES: it can charge several mobile phones at the same time for commercial purpose. This system is ideal for rural village shops where electricity is not available while a lot of village people need to charge their mobile phones. It is also a good business as you are sure of daily income by charging different types of mobile phones for your villages people or even your neighbouring village people!



Small solar Kits , easy to install and easy to use

Ideal as lighting system for rural areas, camping, caravanning, motorhomes, small medical consulting in rural areas, rural homes, refuges for lighting.





**Solar system for:
Two energy saving
lights(included) and
one small DC Tv or
radio**

Mini-compact solar systems ATL-10

- Basic mini solar power system for lighting including: (12v,9v output sockets)
- Average daily power production up to: 80 whp
- one pc of 12V 17Ah battery and charging controller
- Optional.(2 lamps with two 12V DC 11W energy saving lights)
- Set of cables and accessories
- You can use this system to power up two 11W 12V DC energy saving lights OR use this system to power up one 14'' Black/White TV and 2pcs of 5W 12V DC lights or charge your mobile phone batteries.

**SUPER SOLAR SYSTEM * Suitable for any areas where ac power line is not available.
Professional/ collective power supply**

Set	Description	Production capacity
SUP-05000	Small size stand-alone solar system	For small size school 40 kWh daily
SUP-10000	Medium size stand-alone solar system	For community or medium size school 80 kWh daily
SUP-20000	Large size stand-alone solar system	For medium size village +120kWh daily

We also can supply other capacities & format upon requirement

