



The SP 40 is a house power and light set for up to 6 led lamps operating on a solar panel and a back up battery. This is the perfect device when there is no grid or when grid is unreliable but illumination is always needed. When sunny or light a 40W solar panel charge a lead battery of 12 volt and 18AH of gel type. Battery store energy for dark hours.

We can connect 6 separate led lamps to the electronic cabinet and all have a 5 meter cable and switch so it is easy to install and operate. The system have an integrated radio receiver in front.

**Users can be**

- \* Hospitals and medical centers that need lamps in lab and examination rooms
- \* Schools that need lamps to read books and make home works
- \* GOV and public buildings that must give services when dark

Main Parts	Capacity
Solar Panel	18V 40W X 1PC
Solar Battery	12V 18AH X 1PC
Solar Control	8A X 1PC
Operation Panel	DC 12V Output X 6PCS
	USB 5V Output X 2PCS
	With MP3&FM radio
Charging time	8-9hours fully charged by Sun
Lighting Time	1PC X 3W LED Light:58Hours
Maximum Loading Capacity	≤ 35W
20'/40' Capacity	623SETS/1,200SETS
Control Box Size :430*390*310MM (2Sets /Ctn)	Total G.W:30.5kgs Total Volume: 0.09CBM
Solar Panel Size:685*560*100MM (2Sets /Ctn)	

This is a simple and useful device to a very reasonable cost. We have delivered some numbers of this type in Kenya and Africa in the past.

The design is portable and can easily be moved around in different locations.

All systems have a small fan for hot days services.

All systems have 6 pieces of 3W led lamps with cable and switch.

There is also a mobile phone cable with 10 standard plugs for mobile phones

