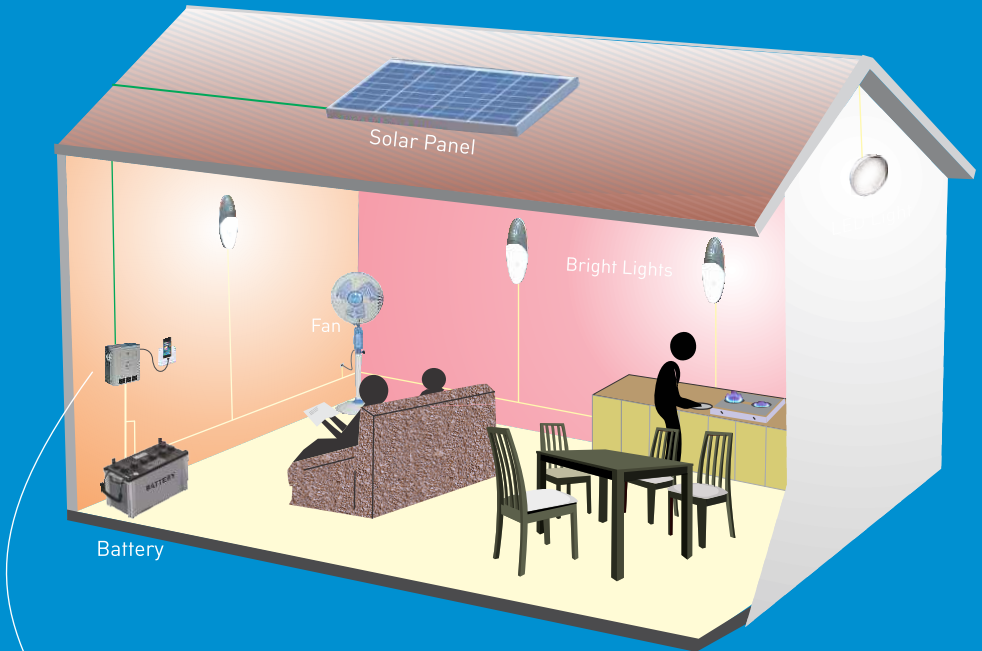


# Solar Energy for Lights, Fans and Mobile Phone Charging



Charge Controller with Mobile Phone Charging

## Benefits:

- ✓ Convenient bright light at the flip of the switch
- ✓ Also runs fans, mobile phone charging, etc
- ✓ No recurring costs, saves money
- ✓ No hassle or risk of fire from kerosene
- ✓ Children can study during power cuts
- ✓ Installed by Orb's trained technicians
- ✓ Three free preventative maintenance visits in 1st year

Specifications *	Solectric 150	
Energy per day (Whrs)	150	150
PV Module Capacity (Wp)	50	50
System voltage (Volts)	12	12
Charge Controller (Amps)	5	5
Battery (Ah)	40Ah	60Ah
Maximum Load (Watts)	48	48



## DC Lights



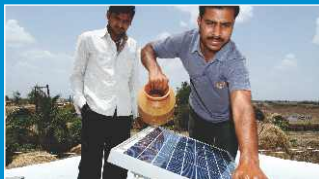
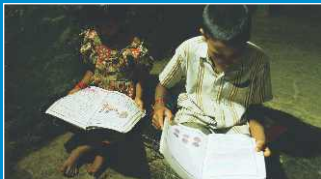
Specifications*	1.5W LED Light	9W CFL Light	11W CFL Light
Volts (V)	12	12	12
Light output (lumens)	150	500	850
Input power (watts)	1.5W	9W	11W
Average life (burning hours)	50000	5000	5000
Mounting arrangement	Hook	Wall Mounting	Wall Mounting
Light viewing angle	85°	180°	180°
Frequency of operation	1.2MHz	25 ~ 30KHz	25 ~ 30KHz
Driver efficiency	90% ± 5%	85% ± 5%	85% ± 5%
Luminaire	ABS & PC	ABS & PC	ABS & PC

## DC Fan



Specifications *	18W Pedestal Fan
Type	Pedestal
Fan Leaf	300mm
Speed in RPM	1300
Speed Levels	3
Voltage	DC 12V
Power consumption	18 watts
Gross weight	6.9Kg

\*Specifications are subject to change without notice



For more information, please contact

