

SURYA SHAKTI PV SYSTEMS

Surya Shakti group of companies is the field of Solar Photovoltaic Systems, Manufacturing different type of SPV Systems with optimal current controls. We are regularly introducing new and innovative products to sustain the market leadership. In Surya Shakti Photovoltaic Systems, Surya Shakti PV panels absorbs the sun's rays, even diffused radiations on cloudy days, converting them to electricity. The electricity is stored in batteries. The electronic circuit in the system control all the functions and provide all protections to the system. The electricity from batteries can be used from various applications as DC or AC supply with the help of inverter and accessories which are provided as per customers requirements. These systems are most useful for the places there is power problem or scarcity of conventional source of energy and fuel. Glimpses of Major Surya Shakti Products are as below.

SURYA SHAKTI HOME / INDOOR LIGHTING SYSTEM

Are used to provide electricity where conventional supply is irregular, unfeasible and not easily obtainable. Surya Shakti Home Lighting Systems Luminaires come in various models to suit your requirements with light boosters. These systems are highly reliable and easy to install. Also there are optional facilities like charging from mains and timer to control duration of lighting.

All these models come with SPV module solid state charge controller, mounting structure, battery box, interconnecting cables, switches, operation manual. LED Luminaires are also available on demand.

Sr. No.	Model No.	Features	Rate/Unit
a)	SHLS-I	With 1x9W CFL Luminaires & Solar Charger with 20 AH Battery with 20 W SPV	Rs. 7,000
b)	SHLS-I H	With 2x9W CFL Luminaires (With both Solar & AC Charger) 20 AH Battery, 20W SPV	Rs. 8,000
c)	SHLS-II	With 2x9W CFL Luminaires & Solar Charger 40 AH Battery, 37W SPV	Rs. 12,500
d)	SHLS-II H	With 4x9W CFL Luminaires (With both Solar & AC Charger) 40 AH Battery, 37W SPV	Rs. 15,500
e)	SHLS-III	With 1x9W CFL Luminaires 1 Fan (With Solar Charger Only) 40 AH Battery, 37W SPV	Rs. 12,600
f)	SHLS-IV	With 2x9W CFL Luminaires & 1 fan (With Solar Charger Only) 75 AH Battery, 74 W SPV	Rs. 21,900
g)	SHLS-V	With 4x9W CFL Luminaires (With Solar Charge Only) 75 AH Battery, 74 W SPV	Rs. 22,000
h)	SHLS-V H	With 8x9W CFL Luminaires (With both Solar & AC Charger) 75 AH Battery, 74 W SPV	Rs. 26,000
i)	SHLS12300/225-S	With 14x9W CFL Luminaires (With Solar Charger Only) 300 AH Battery, 225 W SPV	Rs. 78,000

SURYA SHAKTI UPS & INVERTOR

Surya Shakti Inverter generates AC currents. When connected the Solar Home Lighting System as mentioned above to run AC equipment.

Sr. No.	Model No.	Features	Rate/Unit
a)	SINVA 100	100 watt Solar Invertor	Rs. 1,600
b)	SINVA 200	200 watt Solar Invertor	Rs. 2,000
d)	SINVA 300	300 watt Solar Invertor	Rs. 3,000
e)	SINVA 500	500 watt Solar Invertor	Rs. 4,000



Surya Shakti UPS/Inverter

SURYA SHAKTI SYSTEMS PARTS & SPARES

i) Solar Battery (SMF/Tubular)		a)	SB 6V 4AH SMF	Rs. 280	b)	SB 12V 7AH SMF	Rs. 800				
c)	SB 12V 20AH Tubular	Rs. 2,500	d)	SB 12V 40AH Tubular	Rs. 4,500	e)	SB 12V 75AH Tubular	Rs. 5,500			
ii) Luminaire & Solar Charger		a)	Luminaire 9W with Inv. PCB	Rs. 450	b)	Luminaire SSSL 11W with Inv. & CC PCB	Rs. 1,600	c)	CFL 7W/9W/11W	Rs. 125	
d)	Luminaire PCB	Rs. 250	e)	Solar Charge Controller PCB	Rs. 400	f)	SSSL PCB	Rs. 800	g)	Charge Controller SHLS	Rs. 800
iii) P.V. Module		a)	SPV 3W 6V	Rs. 600	b)	SPV 5W 6V	Rs. 750				
c)	SPV 8W 12V	Rs. 900	d)	SPV 10W 12V	Rs. 1,000	e)	SPV 12W 12V	Rs. 1,200			
f)	SPV 18W 12V	Rs. 1,800	g)	SPV 37 W 12V	Rs. 3,200	h)	SPV 74W 12V	Rs. 6,300			

Surya Shakti UNIVERSAL BATTERY CHARGER (for 0-30V Ni-Cd Batteries)

Surya Shakti Universal Battery Charger is used for charging of batteries at remote locations with Solar energy during day time on a many day the location where conventional power supply is not easily available.

It is based on Mosfet based technology with AC 230 V, Solar PV charging as well as DC 24V-36V input supply suitable for charging different Ni-Cd Batteries of 9V, 12V, 18V, 24V, etc. of various Radio Sets like

Sr. No.	Model No.	Features	Rate/Unit
a)	SUBTCH 1240/3609/40-SV-H	With Solar, AC & DC Charger	Rs. 38,000
b)	SUBTCH 1240/3609/40-SV-H	With AC Charger only	Rs. 13,500



Surya Shakti
Universal
Battery Charger