

रोशन होगा हर घर, गाँव हो या शहर!

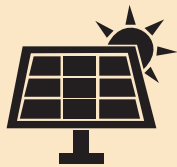
अपने घर में ELECSSL सोलर पैनल लगावायें
24 घंटे घर जगमगाएं !



System Specification of Saubhagya Scheme SPV Home lighting System:

| DESCRIPTION | |
|--|---|
| Power of PV module (W) | 12V 200W to 12V 300W (100W x2 / 150W x2) |
| Lithium Battery Capacity | Li-FePO4 12.8V, 80Ah |
| Type | MPPT SCC with 16x2 LCD display |
| Input voltage | 12 V |
| Charging current (Max.) | 20A |
| Load current (Max.) | 7A (can be customize upto 11A) |
| Maximum efficiency | > 90% |
| LED Light | Option of 5W, 7W, 9W LED in B-22 Cap or Batten type |
| DC Fan | 15-20W Pedestal, Table, Ceiling Fan |
| No. of Load Output | 1 Nos. USB port for mobile charging |
| | 5 Nos. DC Connector for LED bulbs |
| | 1 Nos. DC Connector for DC Fan |
| | 1 Nos. DC Connector for DC TV (3A Max.) |
| Indications: Battery Low - Red led glow, Charging - Green LED glow, Full charge - Green LED off, Normal Operation - Yellow LED glow, Other fault - Red and Green LED blink, Overload - Red and Green LED blink | |
| Protections: Battery over charge, Battery deep discharge, Over load/Short circuit protection, Solar and battery reverse protection, Temperature compensation, Reverse current from battery at night, Surge protection | |
| LCD Display Parameters: PV voltage, PV current, Battery voltage, Battery current, Load current, Battery percentage, Battery backup time left (Hrs. - min), Faults | |

Product can be customized as per the customer requirements



SOLAR PANEL

ELECSSL offers the most technically innovative range of solar-powered LED lighting & power solutions. We offer 200W -300W Solar panel with Saubhagya scheme Home lighting system.



MPPT CONTROLLER

ELECSSL 12V/20A solar charge controller with inbuilt 16x2 LCD Display is a compact and low power conception PV charging system that provides maximum charging efficiency in any environmental condition. This charge controller is equipped with a number of outstanding features such as charge status indication; low voltage disconnects indication and safety functions. It works on Maximum Power Point Tracking (MPPT) technology. It provides three state charging that maintain the battery health and increase the battery life also. The inbuilt 16x2 LCD display with back light to shows all real time parameters in day and night both.



LITHIUM BATTERY CHARGING UNIT

ELECSSL uses new-generation Lithium LiFePO4 batteries which offers 3 times more storage and power capacity versus conventional Lead Acid batteries. This product is suitable for battery charging upto Li-FePO4 12.8V 80Ah battery.



WIRELESS CONNECTIVITY

ELECSSL offers a break-through and valuable function in 'remotely' operating and monitoring the performance of each system. It uses a range of wireless connection technologies such as Bluetooth or GPRS.

Manufactured By:
Devang Solaar

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