



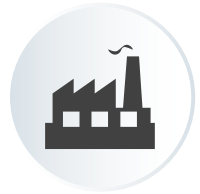
* Image shown are just indicative



Home



Shop



Factory



Camping



Fishing

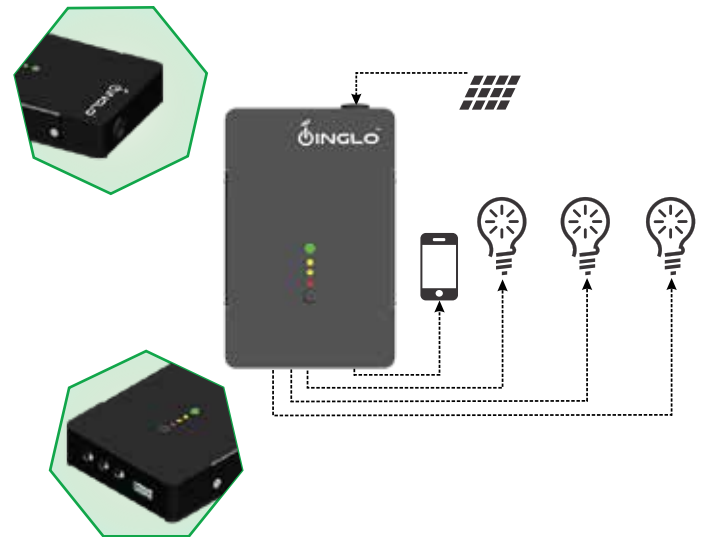
Introduction

Inglo Solar Smart Lighting System is portable to use in non-electrified rural areas and as an emergency lighting system for Domestic & Commercial applications. This is an eco-friendly backup system with Maximum Power Point Tracking (MPPT) Technology where the output of the system can drive DC-LED lamps and mobile charging.

Features

- In-built Li-ion battery, rechargeable
- Efficient DC Led Lamp with high illumination & less power consumption.
- High Efficiency Solar PV module used.
- USB Port and 2 in 1 connector for mobile charging.
- Led display for indicating solar charging, battery SOC level and error.

Connection Diagram





Specification

MODEL	SSLS - 10	SSLS - 20	SSLS - 40
Charging Type	MPPT (Maximum Power Point Technology)		
Solar Input Power	10Wp	20Wp	40Wp
DC LED Lamp	1W	2W	3W
Maximum Panel Voltage*	21V		
Battery Type**	Li-Ion/LFP		
Battery Capacity**	21Wh	42Wh	84Wh
Battery Protection	Active HVD and LVD, Inbuilt BMS circuit		
High Voltage Protection	8.4V ±0.1V		
Low Voltage Protection	6.4V ±0.1V		
Max Charging Current	1000mA	1500mA	3000mA
Max Discharging Current	1300mA	3000mA	6000mA
Electronic Protection	PV Reverse Polarity, Reverse Current flow at night, Surge and Transient Protection, Load Short Circuit, Over current, High & Low Voltage Protection at Battery side, Battery Short circuit.		
Ambient Temperature	0° to 50° While Charging; -10° to 55° While Discharging		
IP Rating	IP 21		
Efficiency	>90% At Peak Power		
Load (Power)	3W	6W	9W
Mobile Charging	USB Type A / (5.5V/1A)		
Charging Time	8hrs. (At full sunshine)		
Backup Hours	5hrs. (Except mobile charger)		
In the Box	10Wp Panel with cable, Lamps (1W*3), Lamp Cables, Mobile Charging Cable.	20Wp Panel with cable, Lamps (2W*3), Lamp Cables, Mobile Charging Cable.	40Wp Panel with cable, Lamps (3W*3), Lamp Cables, Mobile Charging Cable.

Note:

* As per panel availability

** Based on Customized

Remarks:

** Specifications are subject to change without notice.