



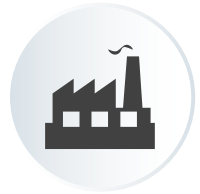
\* Image shown are just indicative



Home



Shop



Factory



Camping









Fishing

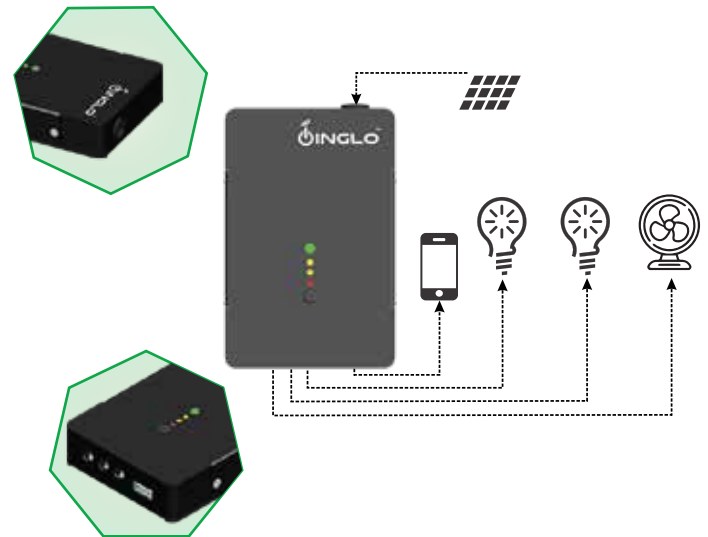
## Introduction

Inglo Solar Home 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, DC Fan 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
-  12V DC Fan with elegant look and design

## Connection Diagram





### Specification

MODEL	SHS - 60W
Charging Type	MPPT (Maximum Power Point Technology)
Solar Input Power	60Wp
DC LED Lamp	3W
DC Fan	24W
Maximum Panel Voltage*	21V
Battery Type**	Lithium Battery
Battery Capacity**	230Whr.
Battery Protection	Active HVD and LVD, Inbuilt BMS circuit
Max Charge voltage	14.6V $\pm$ 0.1V
Low Voltage Protection	11V $\pm$ 0.1V
Max Charging Current	5A
Max Discharging Current	5A
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)	36W
Mobile Charging	USB Type A / (5.5V/1A)
Charging Time	8hrs. (At full sunshine )
Backup Hours @battery full	5hrs. (Except mobile charger)
In the Box	60Wp Panel with cable, Lamps (3W*3), Lamp Cables, Mobile Charging Cable, DC Fan

**Note:**

\* As per panel availability

\*\* Based on Customized

**Remarks:**

\*\* Specifications are subject to change without notice.