

Ligen Power hybrid solar lights is an innovative street lighting solution that combines solar energy with AC power. These lights feature solar panels that charge a battery during the day, storing energy for use at night to power efficient LED lights. Additionally, they are connected to the electrical grid, providing a backup power source when the battery is depleted. This dual energy source ensures that the lights remain operational even on cloudy days or in areas with limited sunlight. By leveraging both solar and AC power, hybrid solar lights offer a reliable and energy-efficient lighting option that helps lower energy costs and reduce dependence on conventional power sources.

48W Hybrid Solar Street Light

- 48W LED
- 75wp SPV Panel Monocrystalline
- In-Built 12.8V 24Ah LFP Battery with BMS
- Automatic Dusk to Dawn
- High Efficiency
- Lumens 130lm-140lm/watt
- Bright LED Lights
- MPPT Charge Controller
- Charging 6A max. (Solar) & 2A max. (Grid)
- Multi step dimming
- Back-Up 2 Nights
- Die-Cast (Aluminium) Body material
- Size: 340 x 198 x 88.5 (mm)

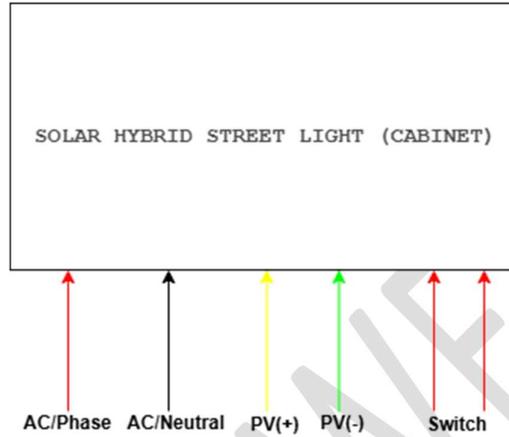


LED indication

- **Green** off: Battery not charging PV low
- **Green** on: Battery charging Full
- **Green** flashing: Battery Charging
- **Red** off: Battery not discharged
- **Red** on: Battery low or non-functioning

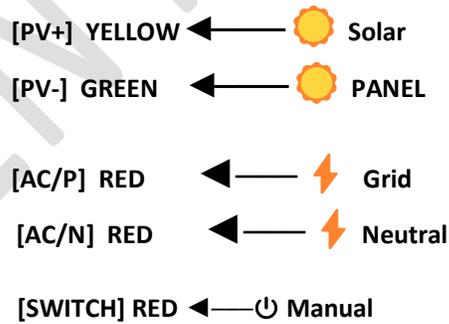
Solar Hybrid Street Light Connection Diagram

(All-in-One Cabinet System - External Terminals Only)



SOLAR HYBRID STREET LIGHT (Integrated Aluminium Cabinet)

TERMINALS:



Amossys Portable Power LLP

Shed No-B4-05(FF), B4-06(FF), B4-07(FF) & B4-08(FF)

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