



PRODUCT INTRODUCTION

The Backyarder LV2 utilizes a system of one (1) 50W solar panel, one (1) MPPT charge controller, and two (2) LiFePO4 Batteries. The system generates DC power to one (1) USB port. The MPPT charge controller has three (3) hardwire terminals – one (1) PV input/output, one (1) DC load input/output, and one (1) battery input/output. The 50W solar panel is wired to the MPPT charge controller. The MPPT charge controller is wired to the DC load circuitry and LiFePO4 Batteries. The Backyarder LV2 is incompatible with grid connections.

DO NOT CONNECT THE BACKYARDER LV2 TO THE UTILITY.

POWERING CAPABILITIES (Actual runtimes will vary based on battery discharge rates and efficiency losses.)

- LED Lighting (10W): Provides up to 40 hours of continuous lighting
- Tablet (10W): Charges for about 48 hours
- Portable Fan (30W): Operates for about 16 hours
- Laptop (50W): Charges for up to 9+ hours

BACKYARDER LV2 LIMITED WARRANTY

- Battery: 2 Years
- MPPT Charge Controller: 5 Year
- Solar Panel Power Output: 25 Years

Contact Information

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