



PRODUCT INTRODUCTION

The Backyarder LV1 utilizes a system of one (1) 25W solar panel, one (1) PWM charge controller, and one (1) 12V Sealed Lead Acid Battery to generate DC power to one (1) USB port. The PWM 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 25W solar panel is wired to the PWM charge controller. The PWM charge controller is wired to the DC load circuitry and Sealed Lead Acid Battery. The Backyarder LV1 is incompatible with grid connections.

DO NOT CONNECT THE BACKYARDER LV1 TO THE UTILITY.

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

- LED Lighting (5W): Provides up to 28+ hours of continuous lighting
- Cell Phone Charger (5W): Charges for up to 28+ hours
- USB Fan (5W): Runs for about 28+ hours
- Small Radio (10W): Operates for about 14+ hours

BACKYARDER LV1 LIMITED WARRANTY

- Battery: 2 Years
- PWM Charge Controller: 1 Year
- Solar Panel Power Output: 25 Years

Contact Information

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