



THE BUNK HOUSE

FEATURES

- 220 sq. ft.
- 4 Bunk Beds
- Running water with hot shower
- Indoor sawdust toilet
- 12 VDC solar electricity
- Wood burning stove

FEATURES (CONT.)

- Made from recycled materials
- Approximate cost: \$6,000
 - This cost is low because many materials were donated.









This is a sawdust toilet.
It has two 12-volt fans for odor control.



Screened vents provide fresh air.









The Solar Electric System



Trace 614

BATTERY FULL

12V - 12.75V	100%
12V - 12.50V	75%
12V - 12.25V	50%
12V - 12.00V	25%
12V - 11.75V	0%
12V - 11.50V	0%
12V - 11.25V	0%
12V - 11.00V	0%
12V - 10.75V	0%
12V - 10.50V	0%
12V - 10.25V	0%
12V - 10.00V	0%

BATTERY EMPTY

ETL

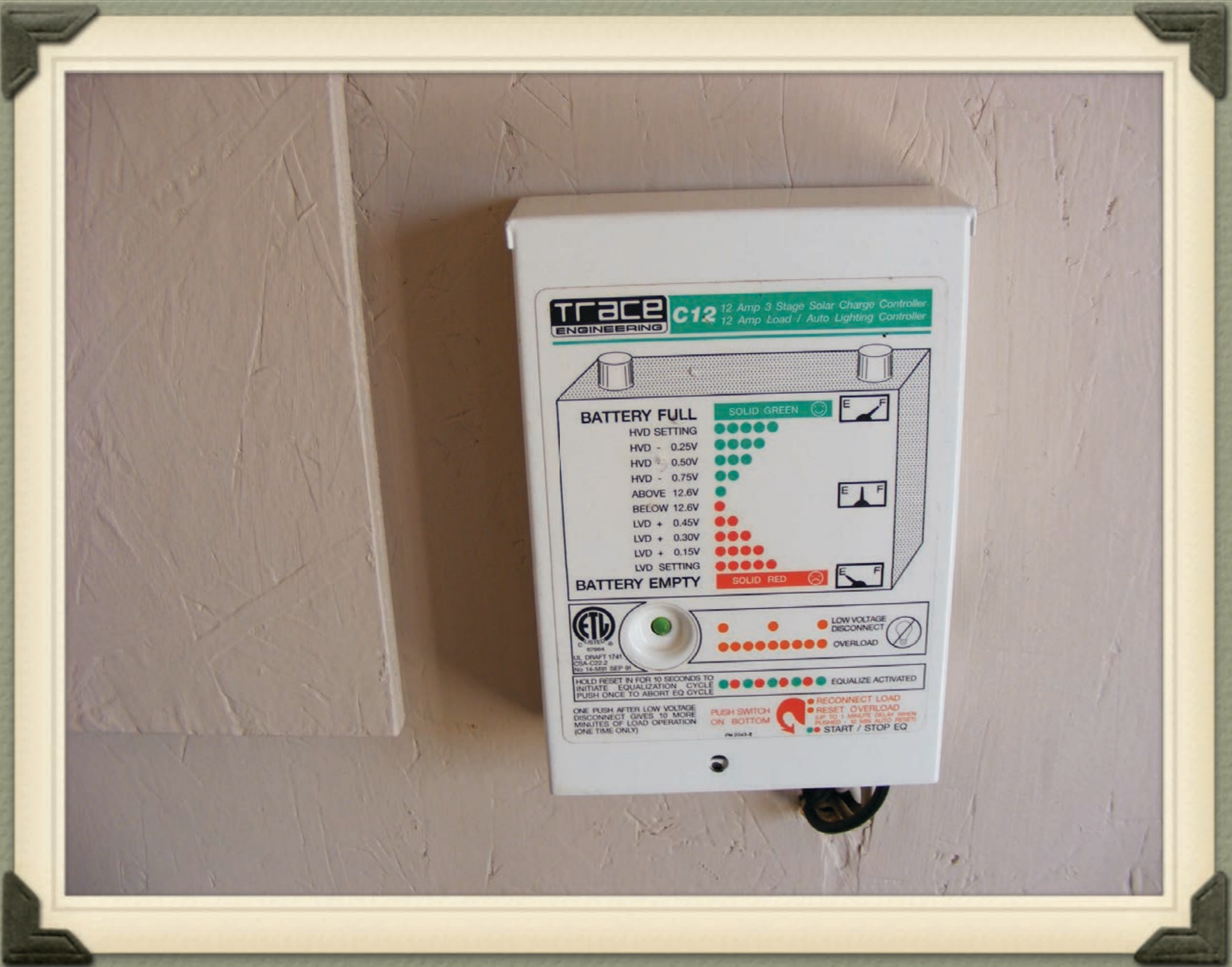
Trace Power Systems, Inc.



These fuses keep the electric system safe.



Laptops, cell phones, and other 12-volt appliances can be used.



This is the charge controller, the brain of the solar electric system.



All lamps are super efficient LED or compact fluorescent bulbs.



Each bed has a reading light.



Our Water System: We collect water from the roof and store it in a cistern. Grey water is used for the landscape.



Having a hot shower is a luxury for some missionaries. Behind this door is the shower pump.





The pump is placed in the sink which is filled with hot water.



A switch at the shower allows the bather to turn the water on and off.



Thanks for making our
BUNK HOUSE possible!