



# Go Green 4 Power LLC

A Renewable Energy Company  
*Where Innovation meets Conservation*

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## • Solar Photovoltaic Trainer - \$2,750



### ○ Features

- 10W Solar panels (4)
  - 12V Nominal Voltage
  - $V_{mp} - 16.8V$
  - $I_{mp} - 0.59A$
  - $V_{oc} - 21.0V$
  - $I_{sc} - 0.69A$
- Utility Cart
  - 28" x 20" x 32" – 2 tray
- Aluminum Frame
  - Powder coated
  - Hinged: Tilts from 0 – 90 degrees (15 degree increments)
- MPPT Charge Controller
  - Max Power Point Tracking
  - 75V max input
  - Protections:
    - PV: Overload, Short Circuit, High Voltage
    - Load: Overload, Short Circuit
    - Reverse Polarity: Battery, PV, and Load
    - Lightening and Transient Surges
    - High Temperature
    - Reverse Current at Night
- 120W Power Inverter
  - 12VDC to 120VAC
  - 1A Continuous Power
  - Modified Sine Wave
  - 450W Peak Output Surge
- 12V Battery
  - Sealed Lead Acid
  - 7.2Ah
- Solar Panel Interface
  - Terminals for Solar PV Connections
  - 3ADC Analog Panel Meter
  - 100VDC Analog Panel Meter
  - Compass to Determine Azimuth
  - Wiring Harnesses for Series and Parallel Connections
    - Note: when connecting 4 panels in series, it may exceed the charge controller input

