

Don't assume a solar panel is receiving voltage, and working properly. Solar panels can show sufficient voltage(19-20V), but not produce enough amperage to charge the battery.

NOTE: AMPERAGE charges batteries, not VOLTAGE



Check the decal on the back of the solar panel and locate the **SHORT-CIRCUIT CURRENT (AMPS)**. This is the reference for the maximum amps the solar panel can produce.

– Our 20 Watt solar panels can produce up to 1.22 amps

K&K Systems, Inc. solar panels are sized for our product's systems and are to be used in environments free from the shade of trees and buildings.

NOTE: Larger Solar Panels maybe required in shaded environments.



Testing a Solar Panels' Short-Circuit Amps using a Fluke 117 Multimeter

- Attach the red lead to the lead socket for amps.
- . Move the indicator dial to Amps (DC)

SCHOOL

SPEED

LIMIT

WHEN

FLASHING

• Unplug the solar leads from the charge controller and hook directly to the multimeter.

Note: If 0.0 amps are shown, check the fuse and/or replace it and retest the solar panel.





