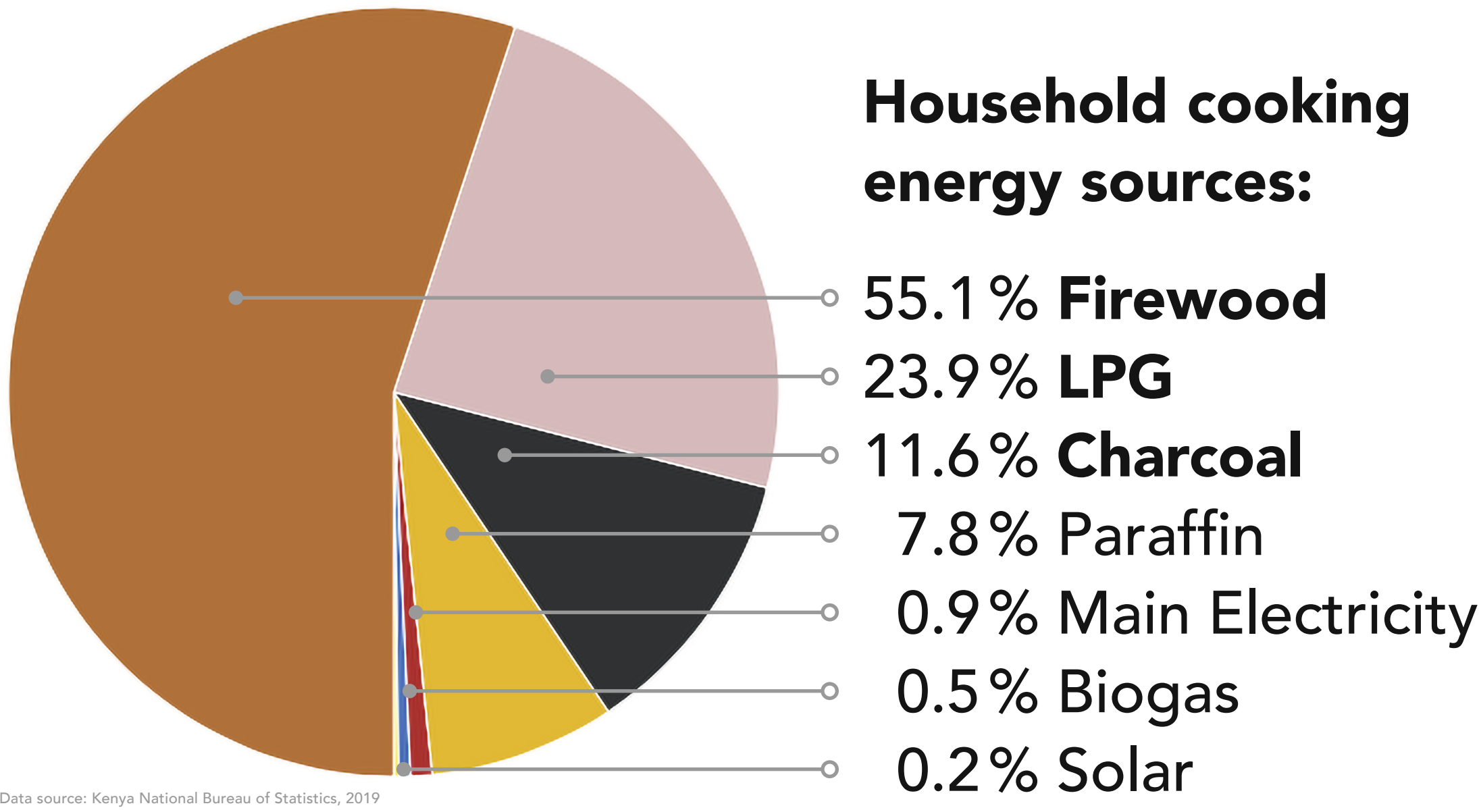


SaltBattery-Solar-Cooker for India and Africa

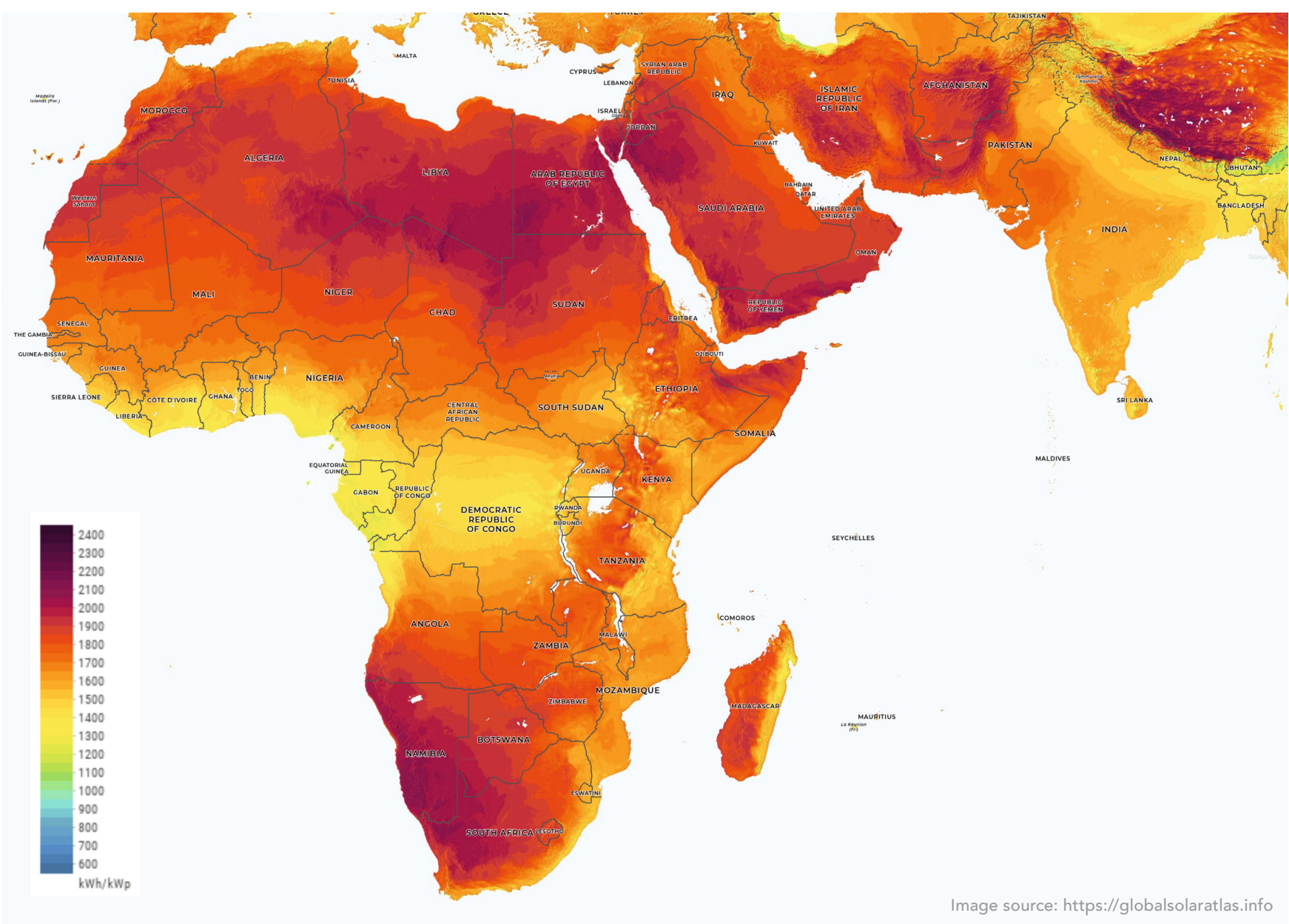


Today → Tomorrow



Cooking on open fires and on inefficient wood-burning stoves emits 25 % of global black carbon emissions.¹

Note 1: <https://cleancooking.org/the-issues/climate-environment> (2025-03-12)

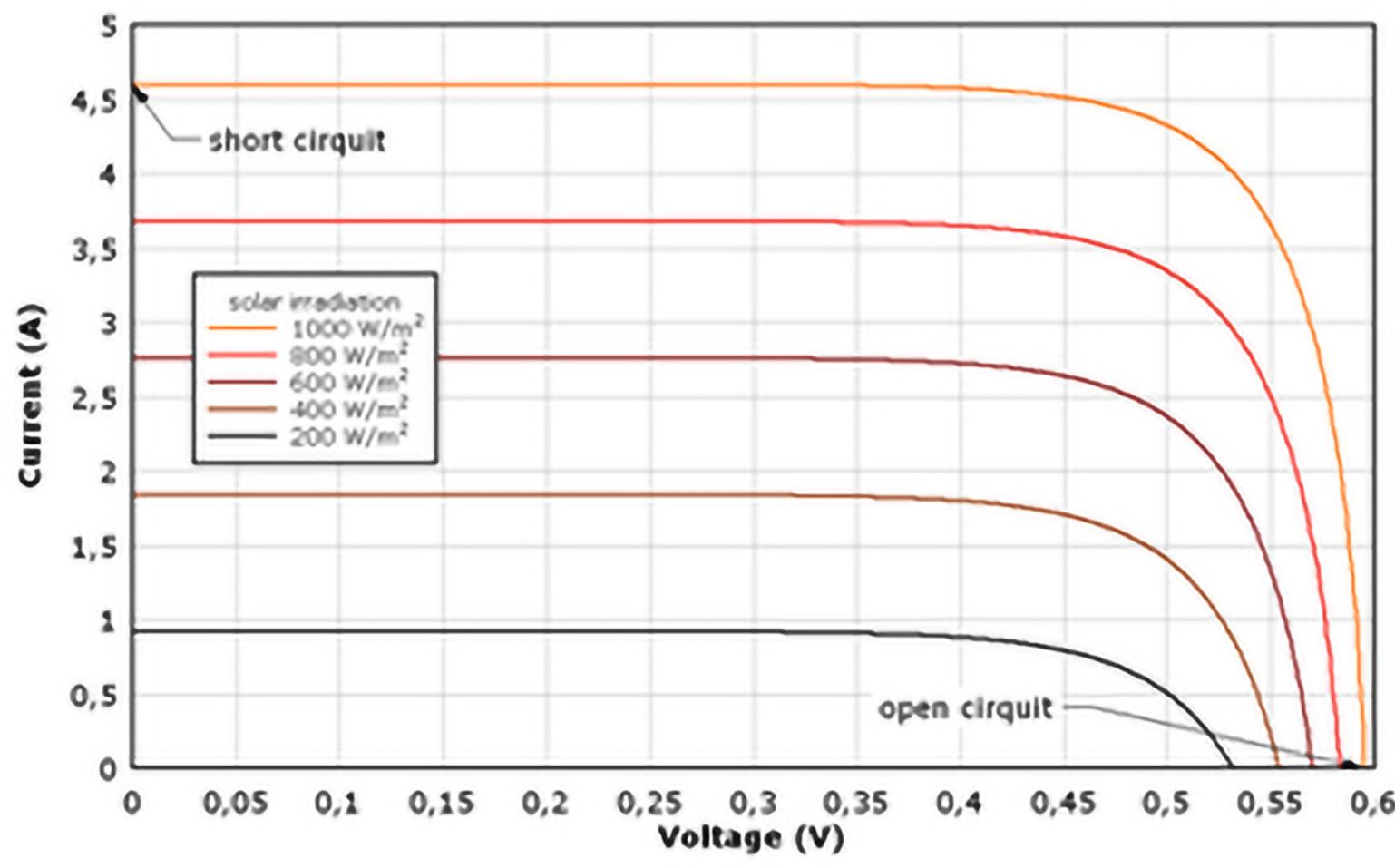
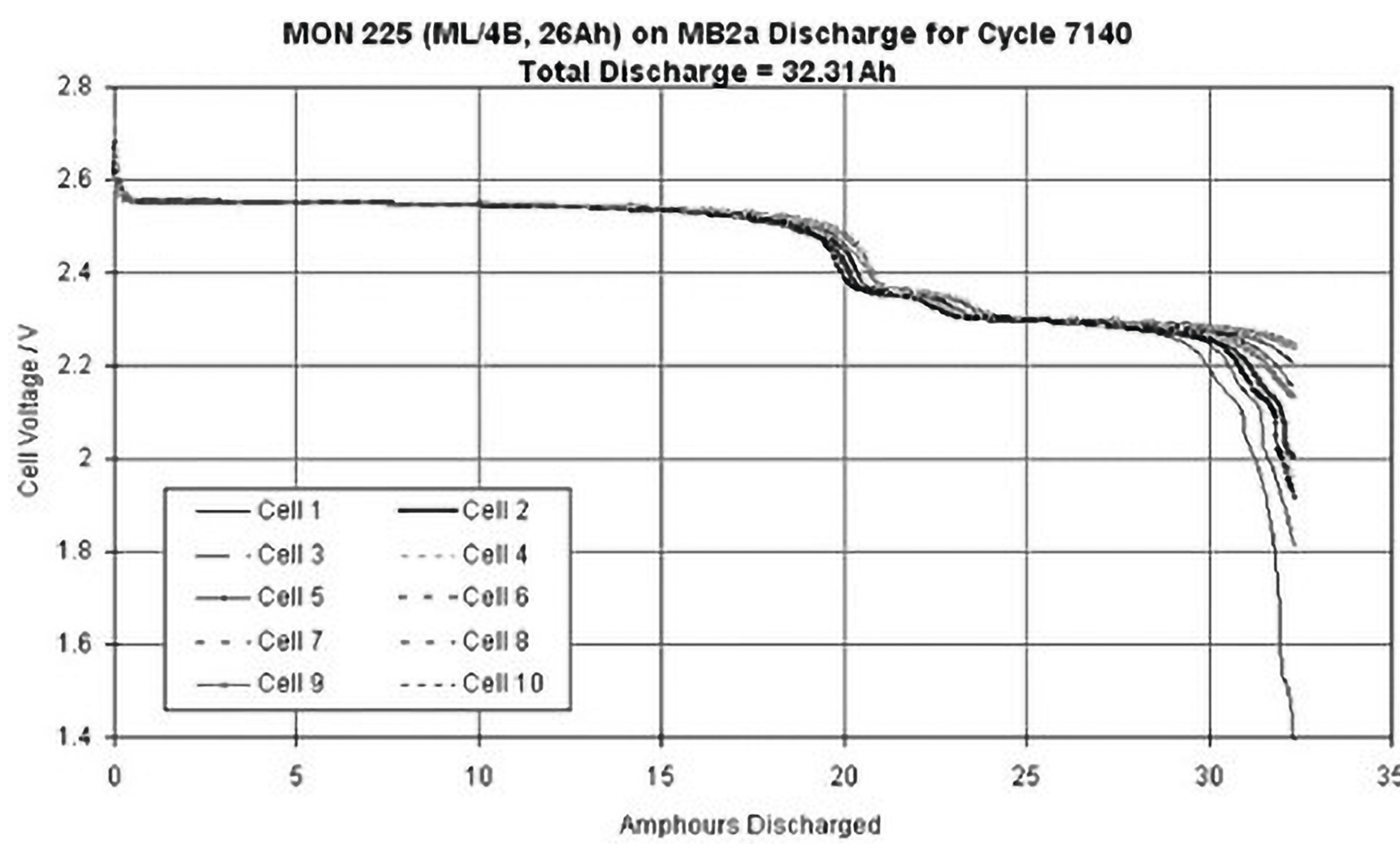


Countries in orange and red receive **plenty of solar energy** to replace wood, gas, charcoal, and oil for cooking.

Using solar energy with the **SaltBattery-Solar-Cooker** is free from emissions in daily use and provides extra amenities.

The SaltBattery enables solar cooking at day and at night. It uses table salt (NaCl) and nickel/iron in combination with a ceramic separator. After 10+ years of use it can be 100% recycled. It is free from Lithium.

The Cookers with SaltBattery shall be produced in local facilities with virgin cells from Switzerland. The linear characteristics of PV Cells and SaltBattery Cells allow for a simple electric paralleling.



The SaltBattery-Solar-Cooker

Basic Wiring Diagram:

