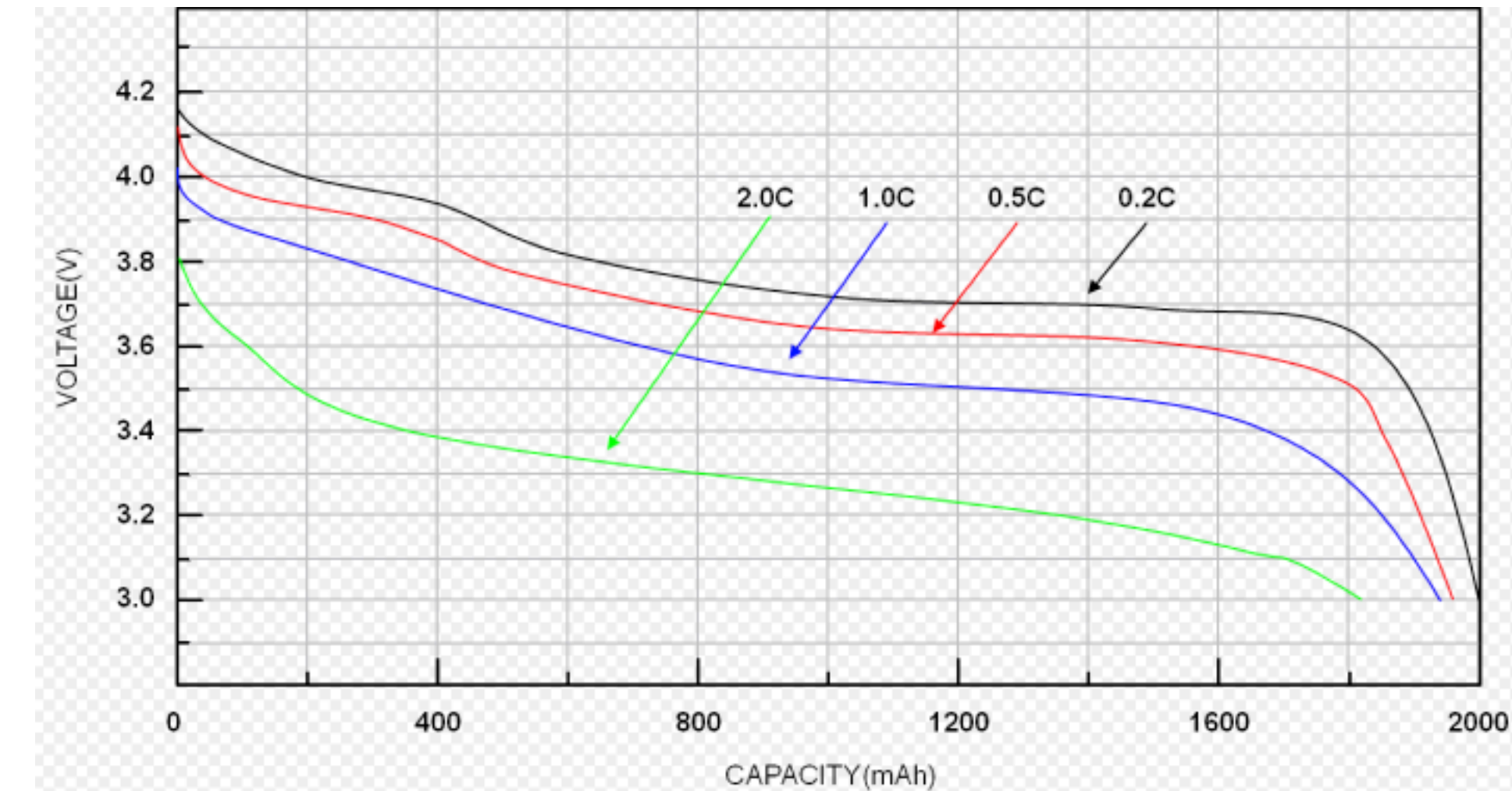
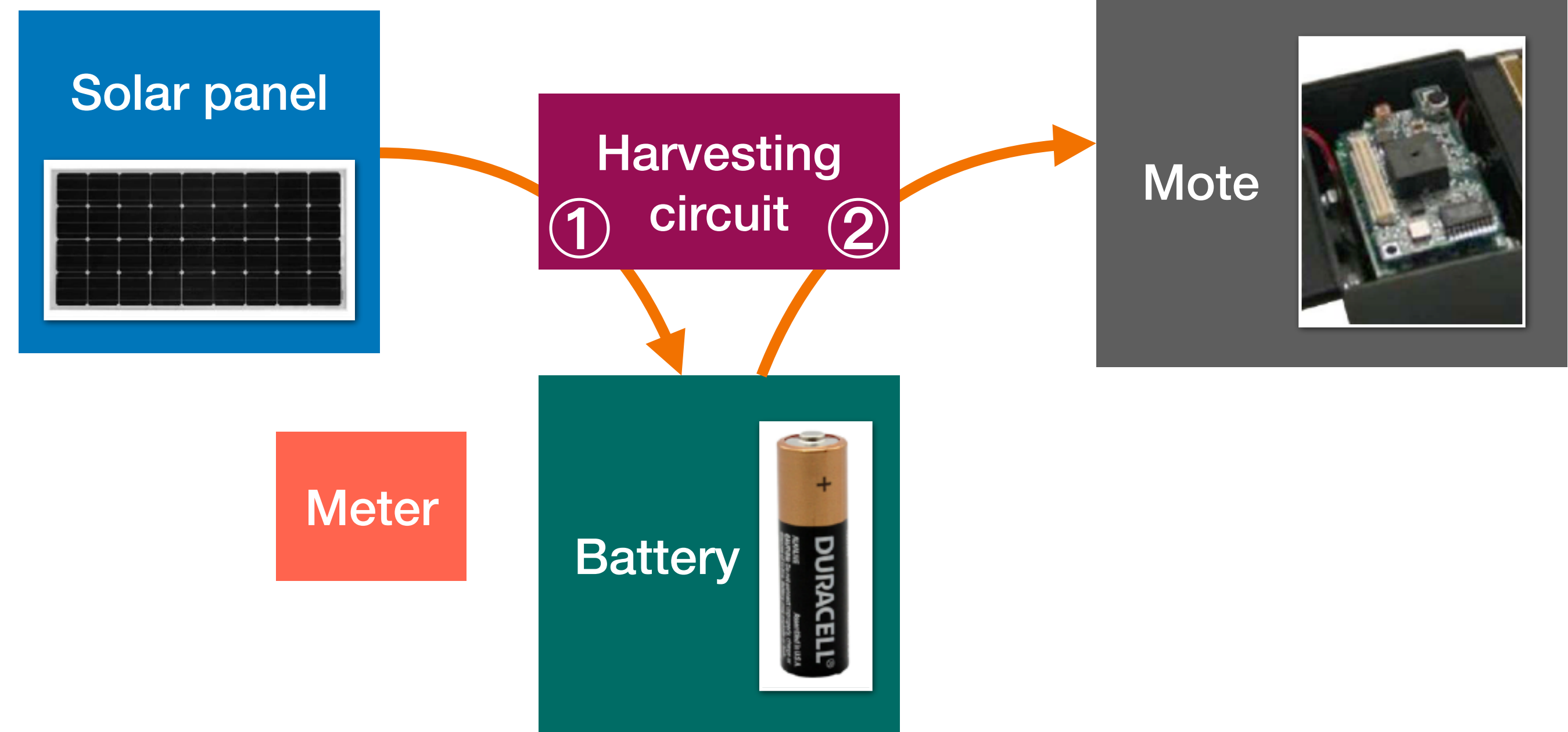


# Solar Energy Harvesting

## The “energy router” - Harvesting Circuit

- It has two jobs:
  - ② power the mote - with a stable voltage
- Generally a DC-DC converter

However may need  
**Step-up/step-down/both**  
converter  
-  
because the  
**battery output voltage**  
**is changing**  
with its capacity



# Solar Energy Harvesting

Decision base - **Meters**

- **To monitor:**
  - **The instantaneous power being provided by the solar panel**
  - **The battery terminal voltage (battery residual)**
  - **Better track and provide the pattern of powering in a daily route**