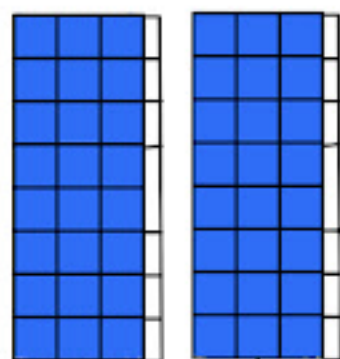


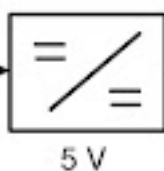
Solar Panels



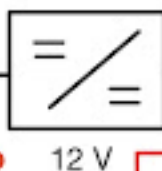
EDS Film

Supercapacitor  
Charger

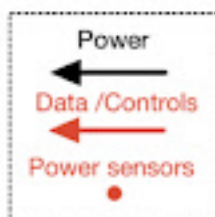
Cascaded Boost  
Converters



5 V



12 V



EDS  
Power  
Supply

Supercapacitor  
Energy Storage  
System

Low Power  
Microcontroller

Relay

Relay

Ext.  
Load

Display

Power  
sensors

