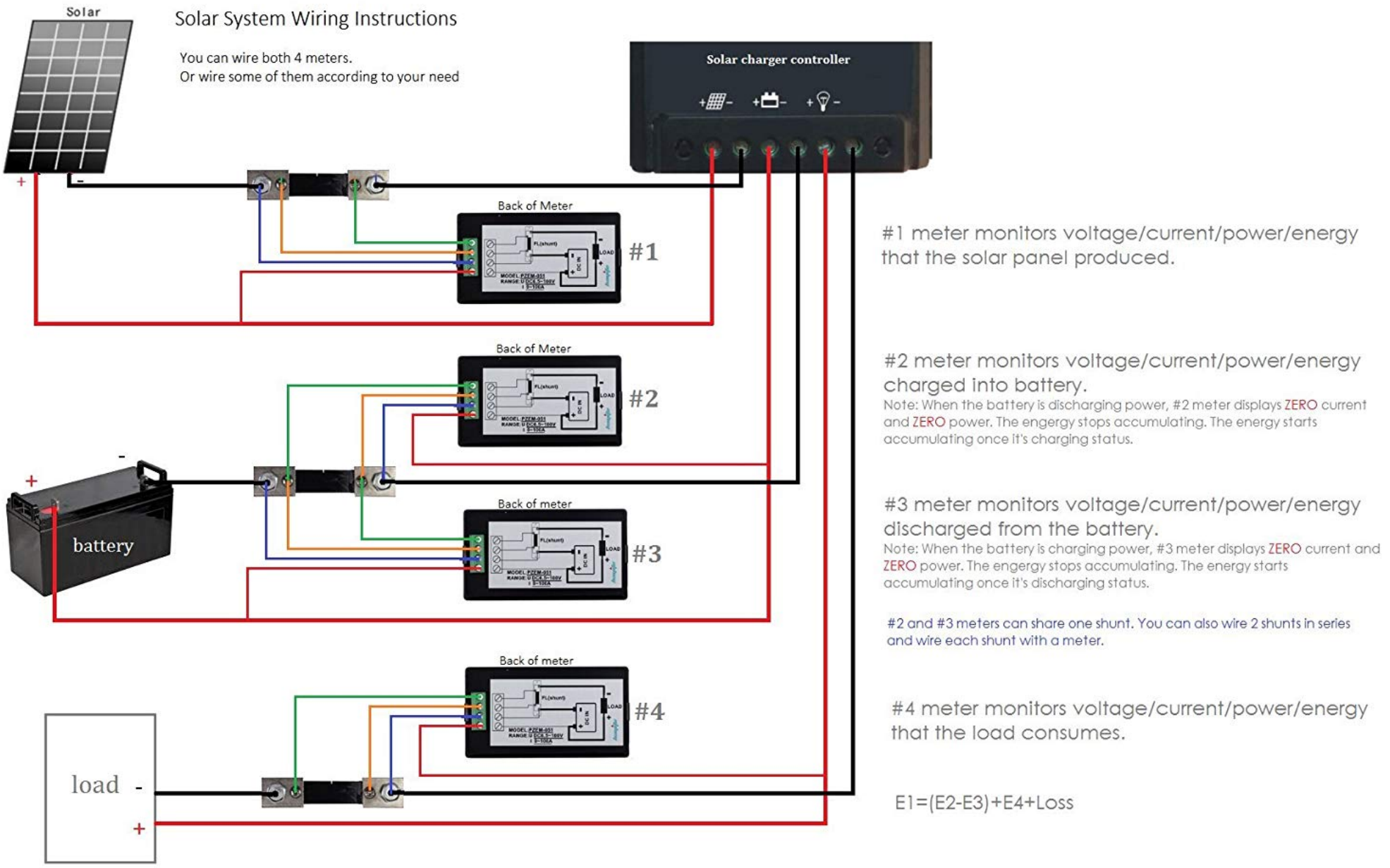
Solar
Solar System Wiring Instructions
You can wire both 4 meters.
Or wire some of them according to your need
Solar charger controller
Back of Meter
#1
Back of Meter
#2
battery
Back of meter
#3
Back of meter
#4
load
#1 meter monitors voltage/current/power/energy that the solar panel produced.
#2 meter monitors voltage/current/power/energy charged into battery.
Note: When the battery is discharging power, #2 meter displays ZERO current and ZERO power. The engergy stops accumulating. The energy starts accumulating once it's charging status.
#3 meter monitors voltage/current/power/energy discharged from the battery.
Note: When the battery is charging power, #3 meter displays ZERO current and ZERO power. The engergy stops accumulating. The energy starts accumulating once it's discharging status.
#2 and #3 meters can share one shunt. You can also wire 2 shunts in series and wire each shunt with a meter.
#4 meter monitors voltage/current/power/energy that the load consumes.
E1=(E2-E3)+E4+Loss