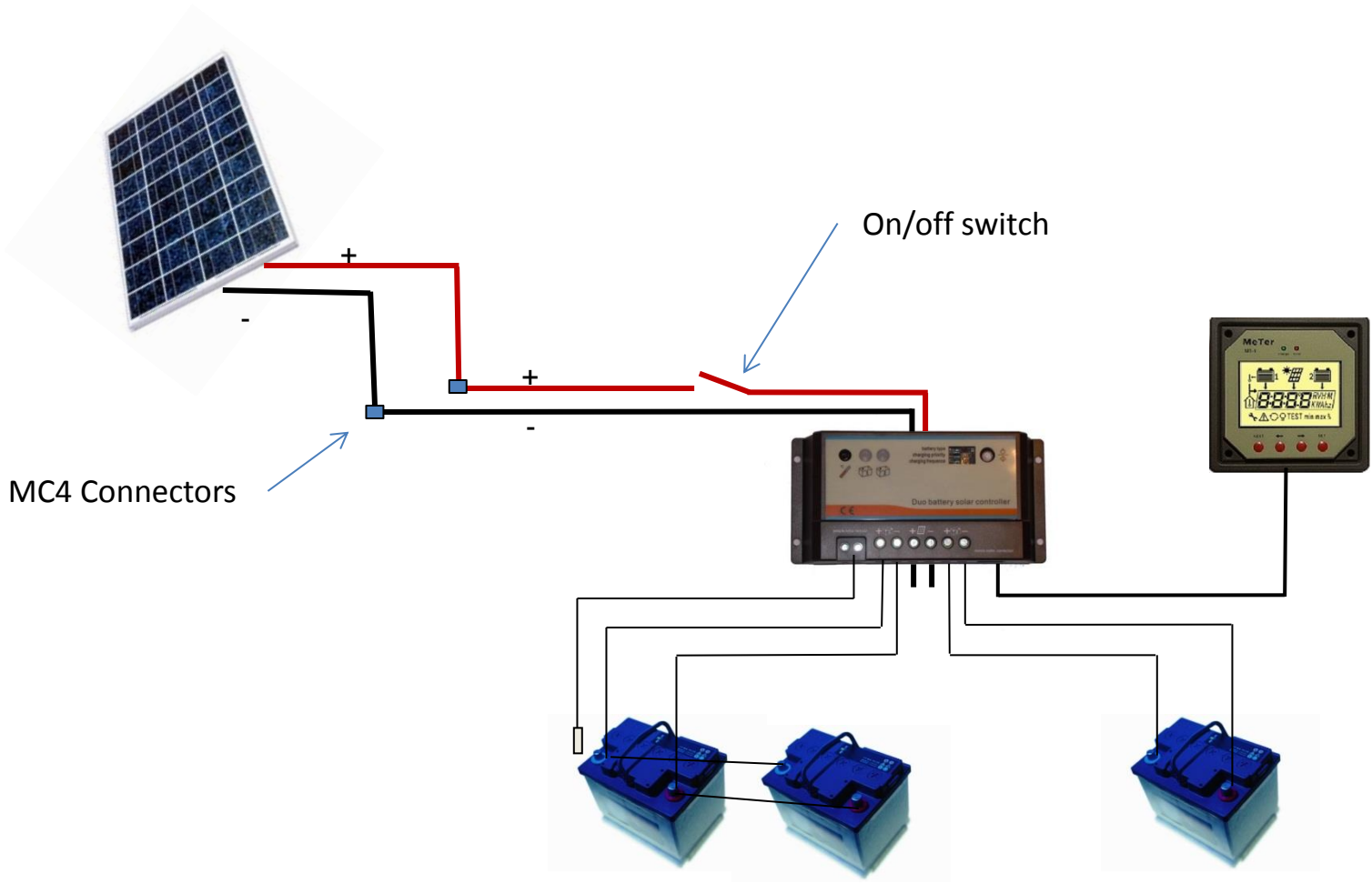




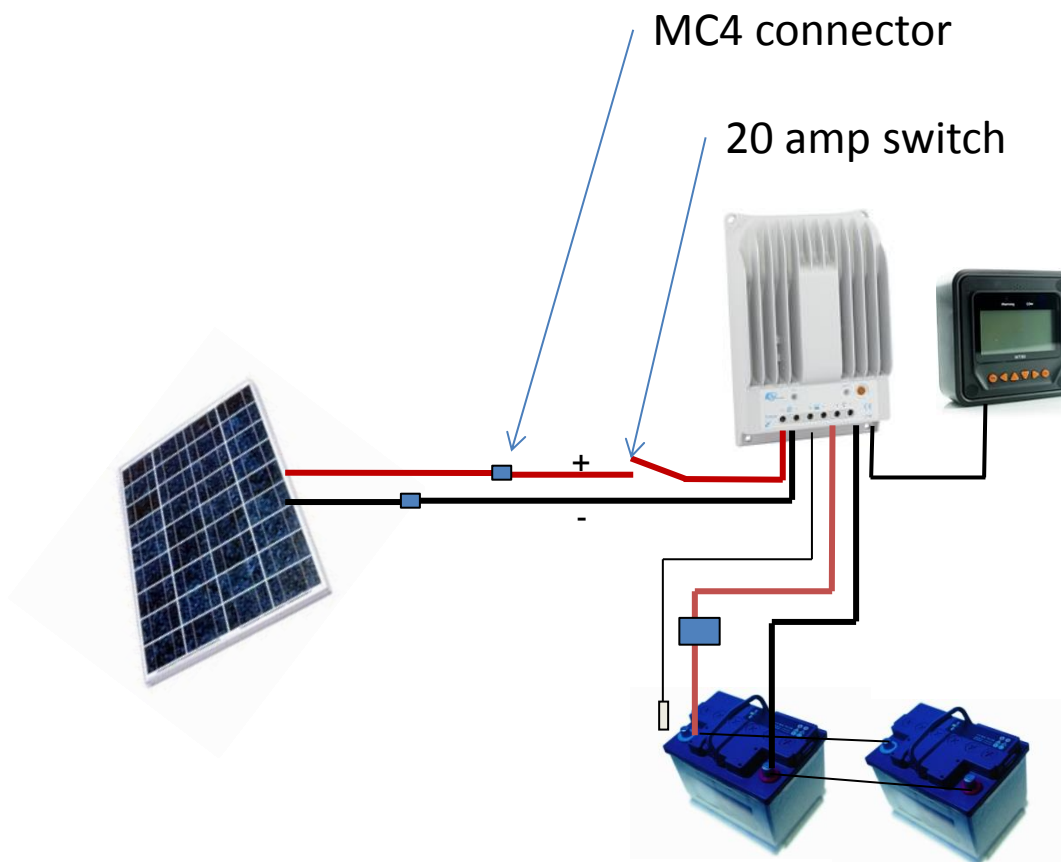
Single Solar Panel Installation with Dual Output Controller Charging Two Battery Banks



Attach controller to battery banks first and to solar panels second.



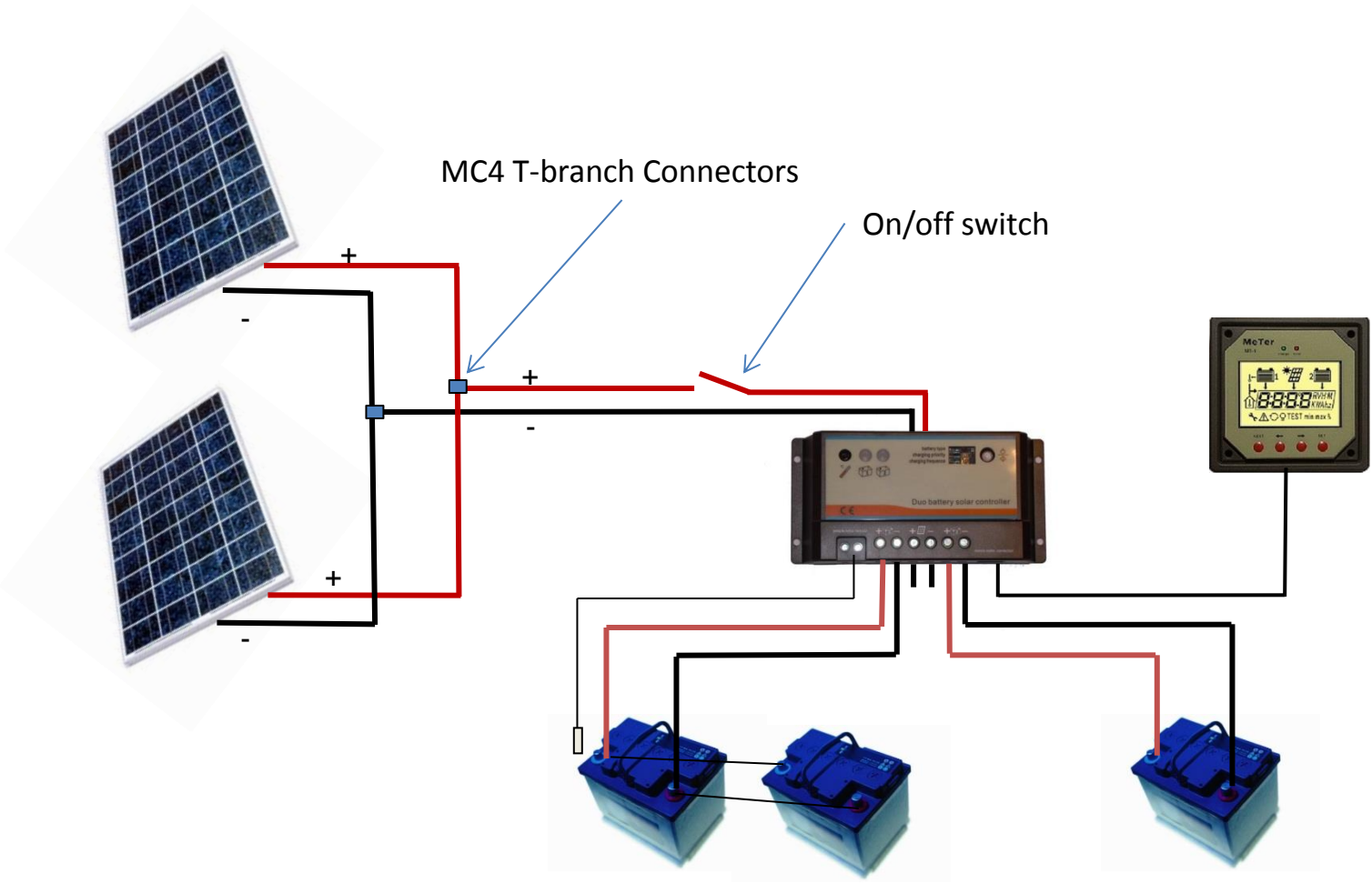
Single Solar Panel Installation with EP Tracer MPPT Controller Charging One Battery Bank



Note: If a battery monitor is installed, negative wire from controller should be connected to the house side of the battery monitor shunt, not the battery bank.



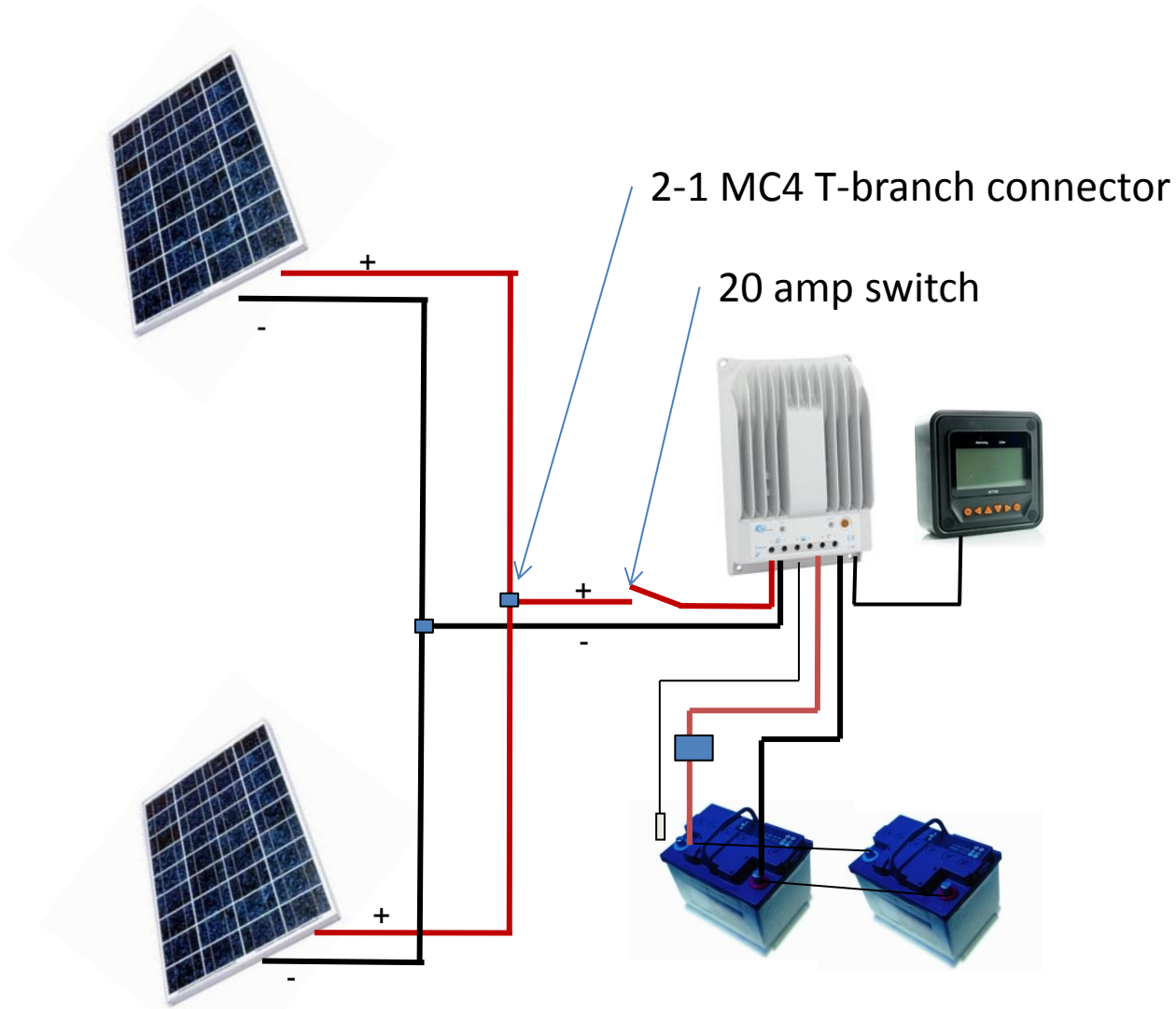
Two Solar Panels Wired in Parallel with Dual Output Controller Charging Two Battery Banks



Attach controller to battery banks first and to solar panels second.



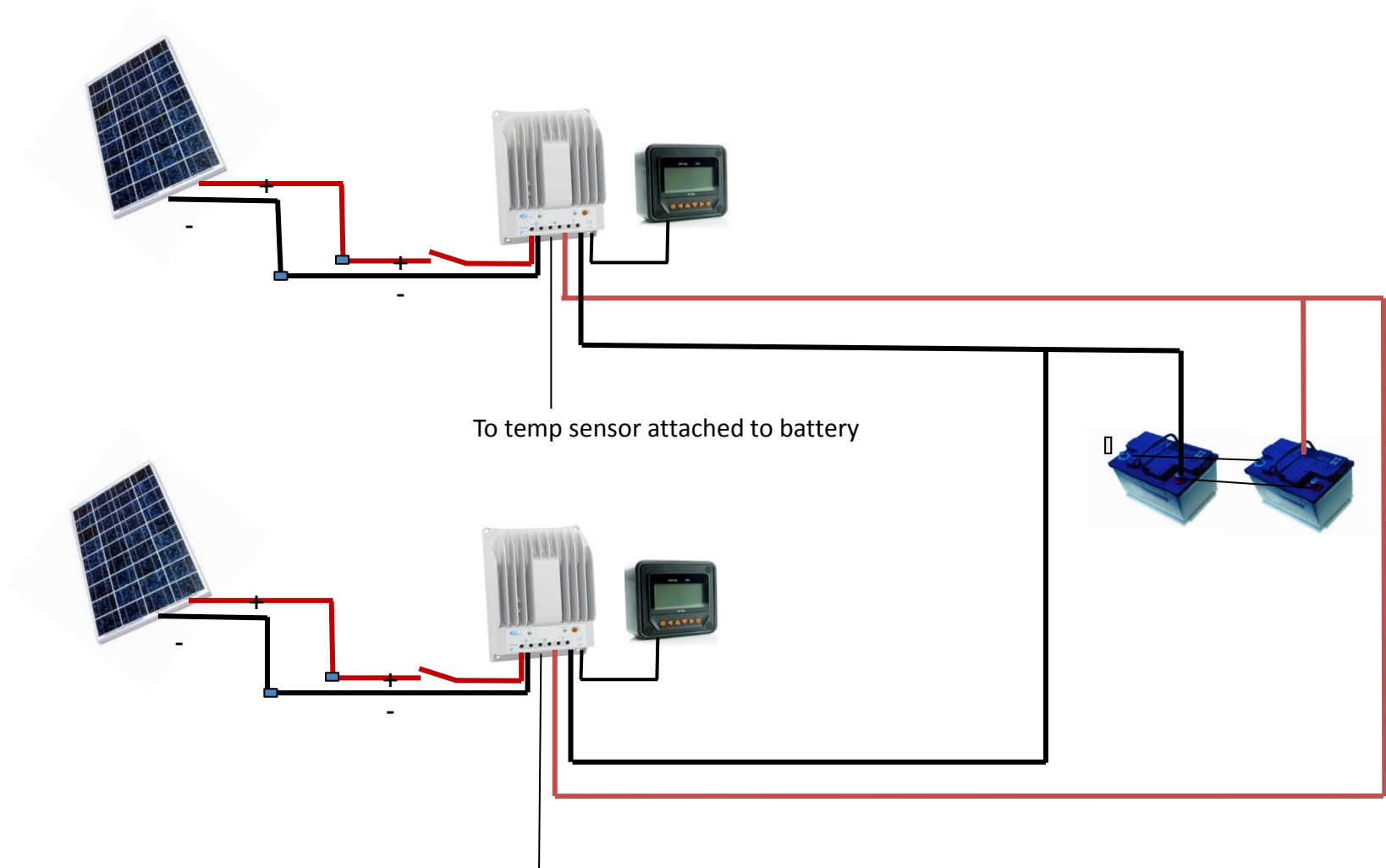
Two Solar Panels Wired in Parallel with Tracer MPPT Controller Charging a Single Battery Bank



Note: If a battery monitor is installed, negative wire from controller should be connected to the house side of the battery monitor shunt, not the battery bank.

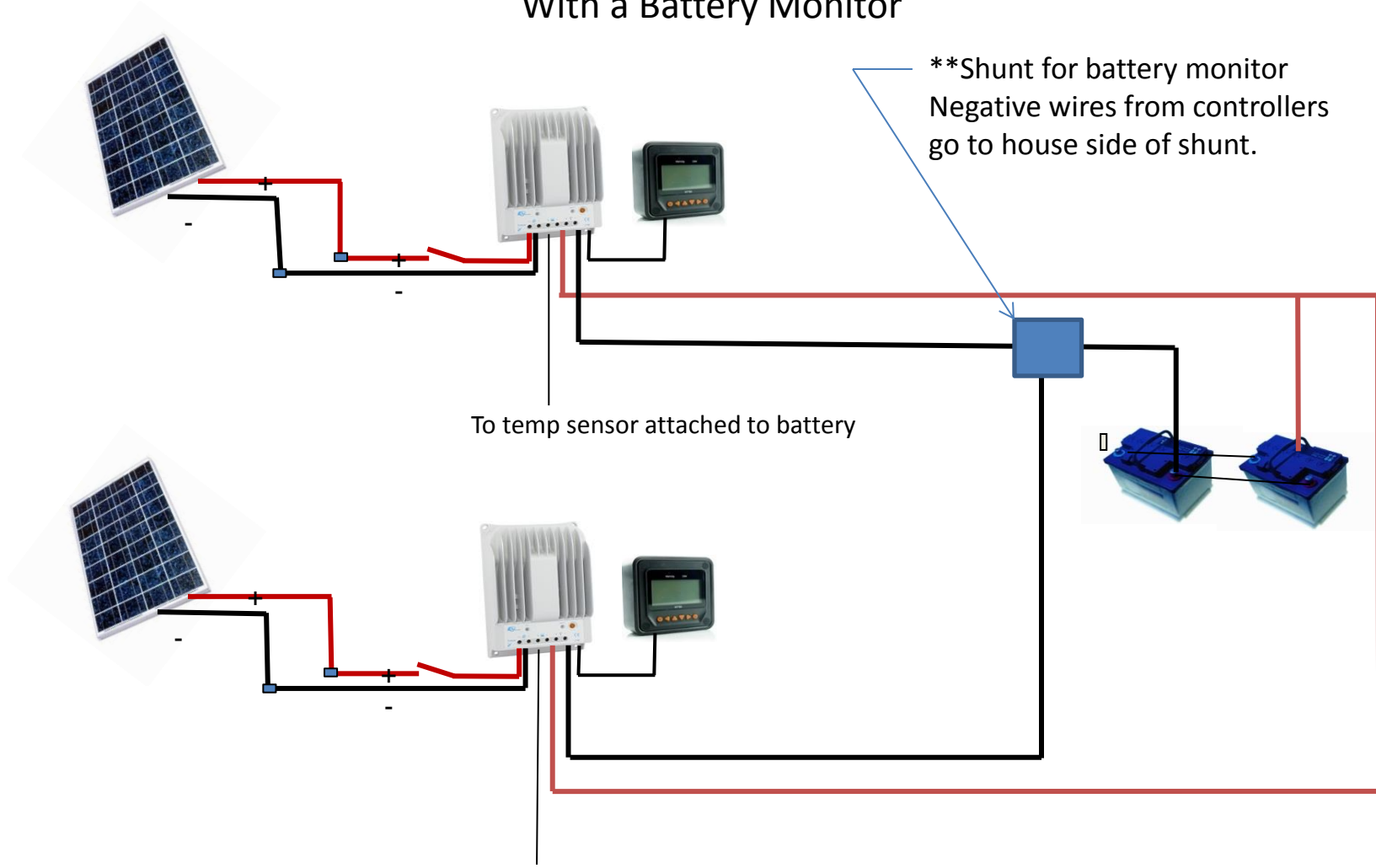


Two Solar Panels Wired in Parallel with Two EP Tracer BN MPPT Controllers





Two Solar Panels Wired in Parallel with Two EP Tracer BN Controllers With a Battery Monitor

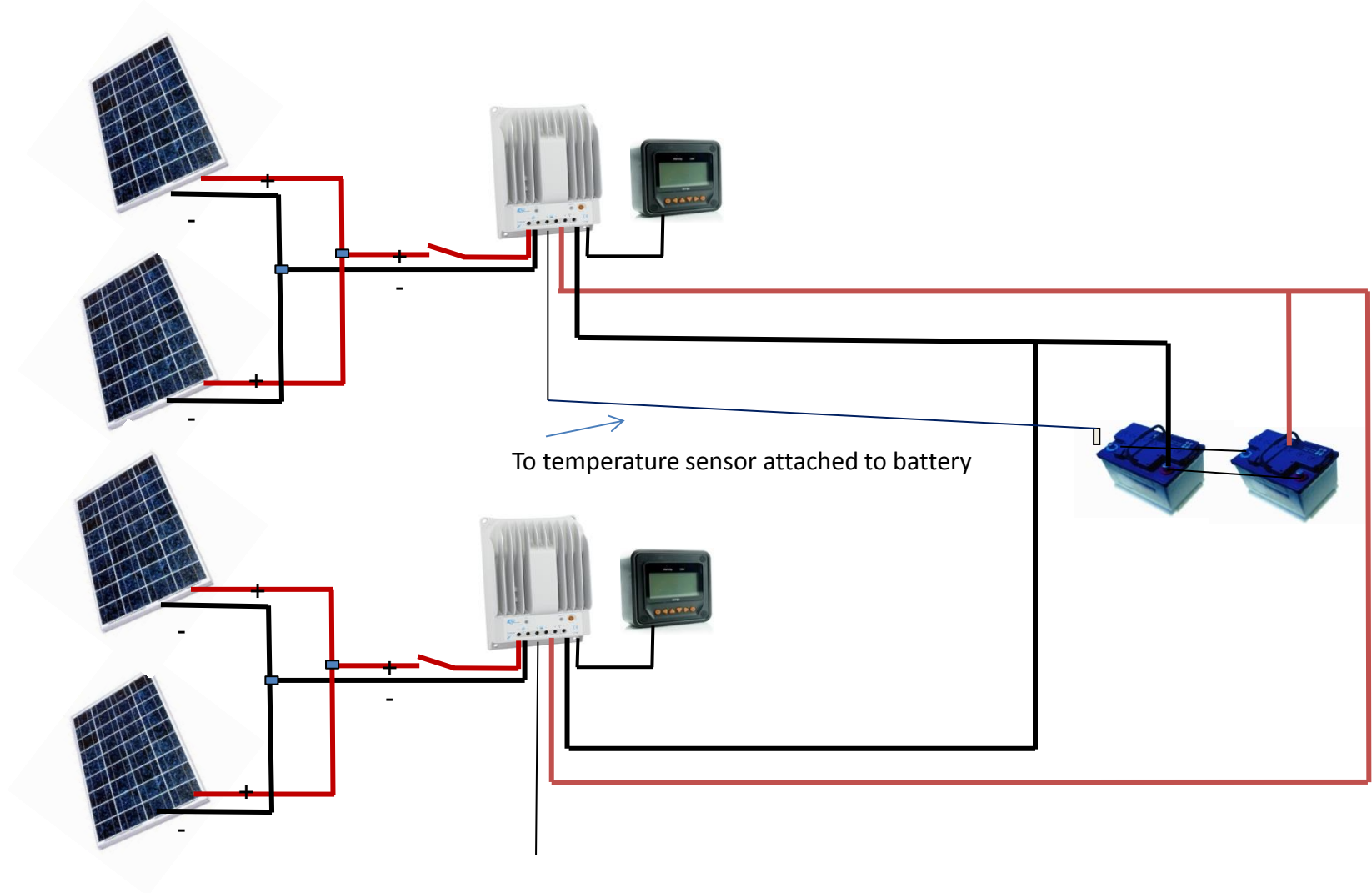


**Shunt for battery monitor
Negative wires from controllers
go to house side of shunt.

To temp sensor attached to battery

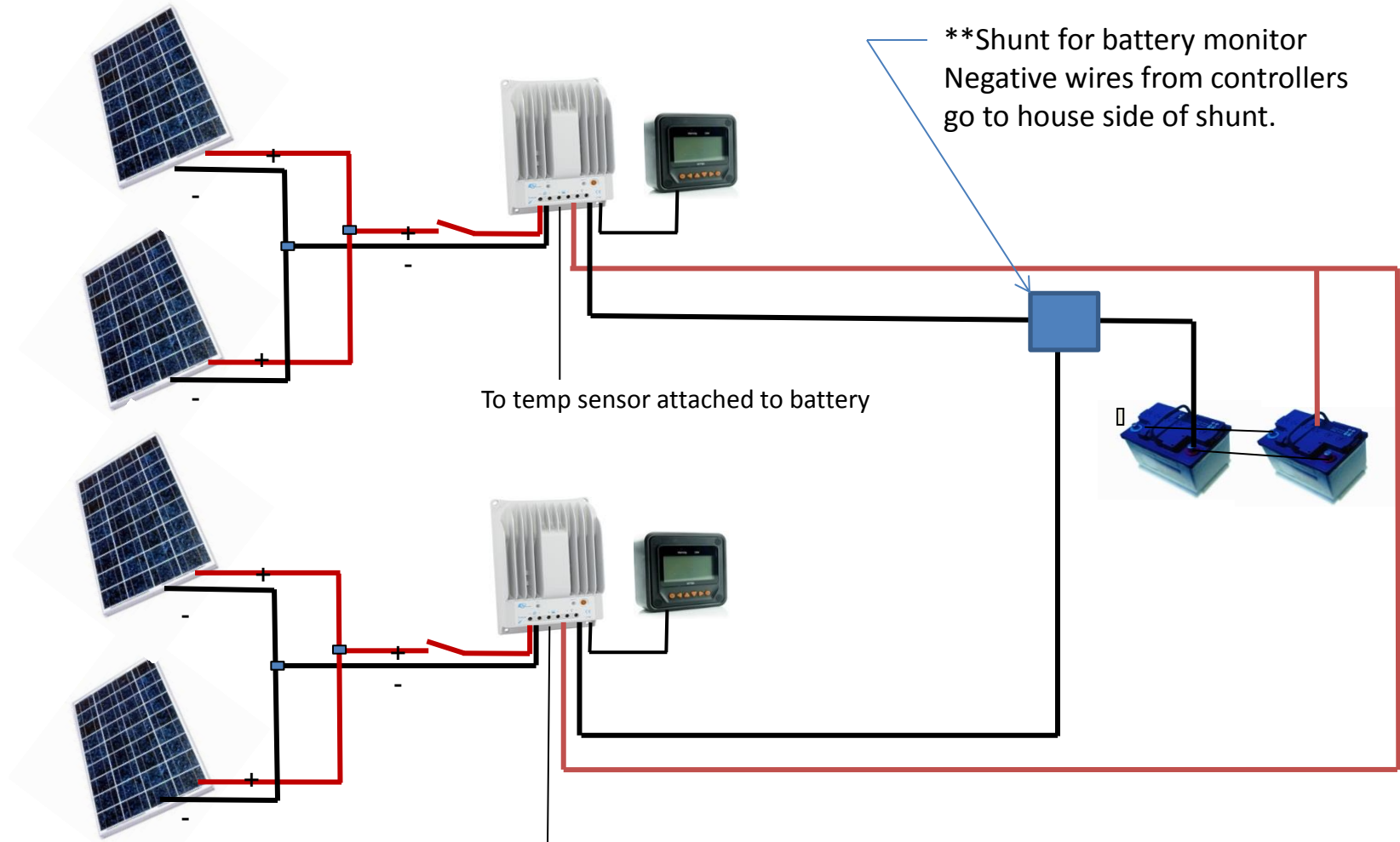


Four Solar Panels Wired in Parallel with Two EP Tracer BN MPPT Controllers



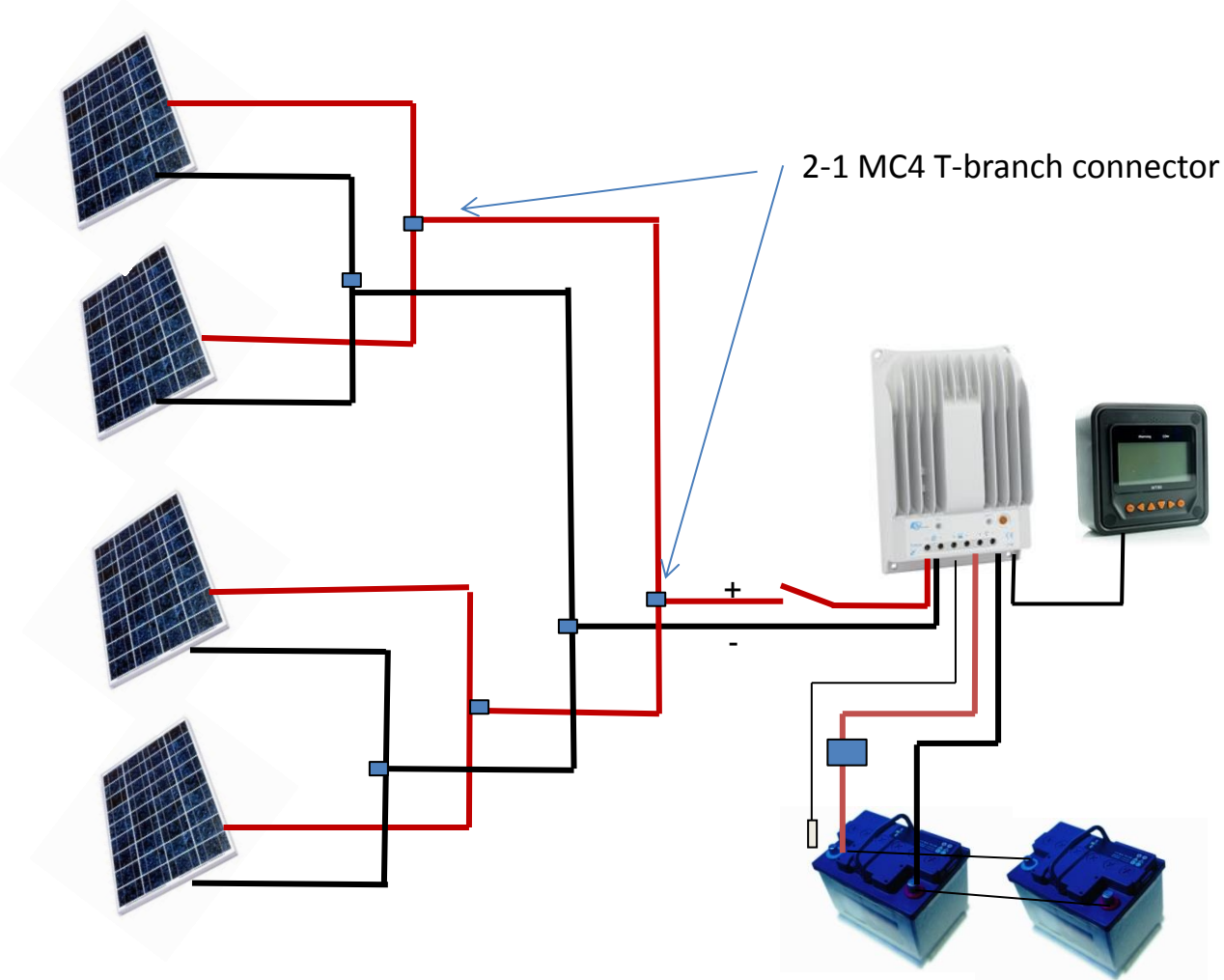


Four Solar Panels Wired in Parallel with Two EP Tracer BN MPPT Controllers With a Battery Monitor





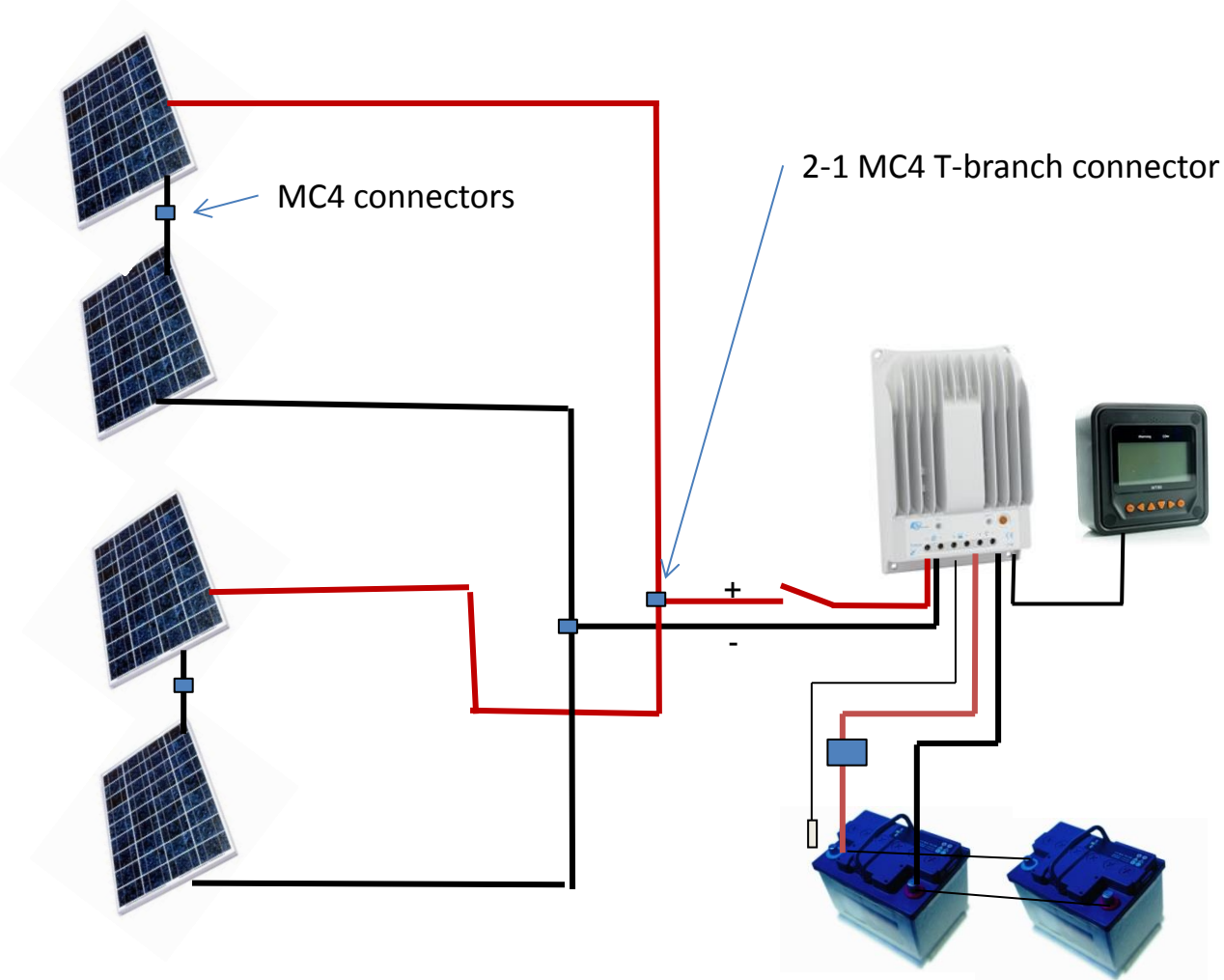
Four Solar Panels Wired in Parallel with One EP Tracer BN MPPT Controller



Note: If a battery monitor is installed, negative wire from controller should be connected to the house side of the battery monitor shunt, not the battery bank.

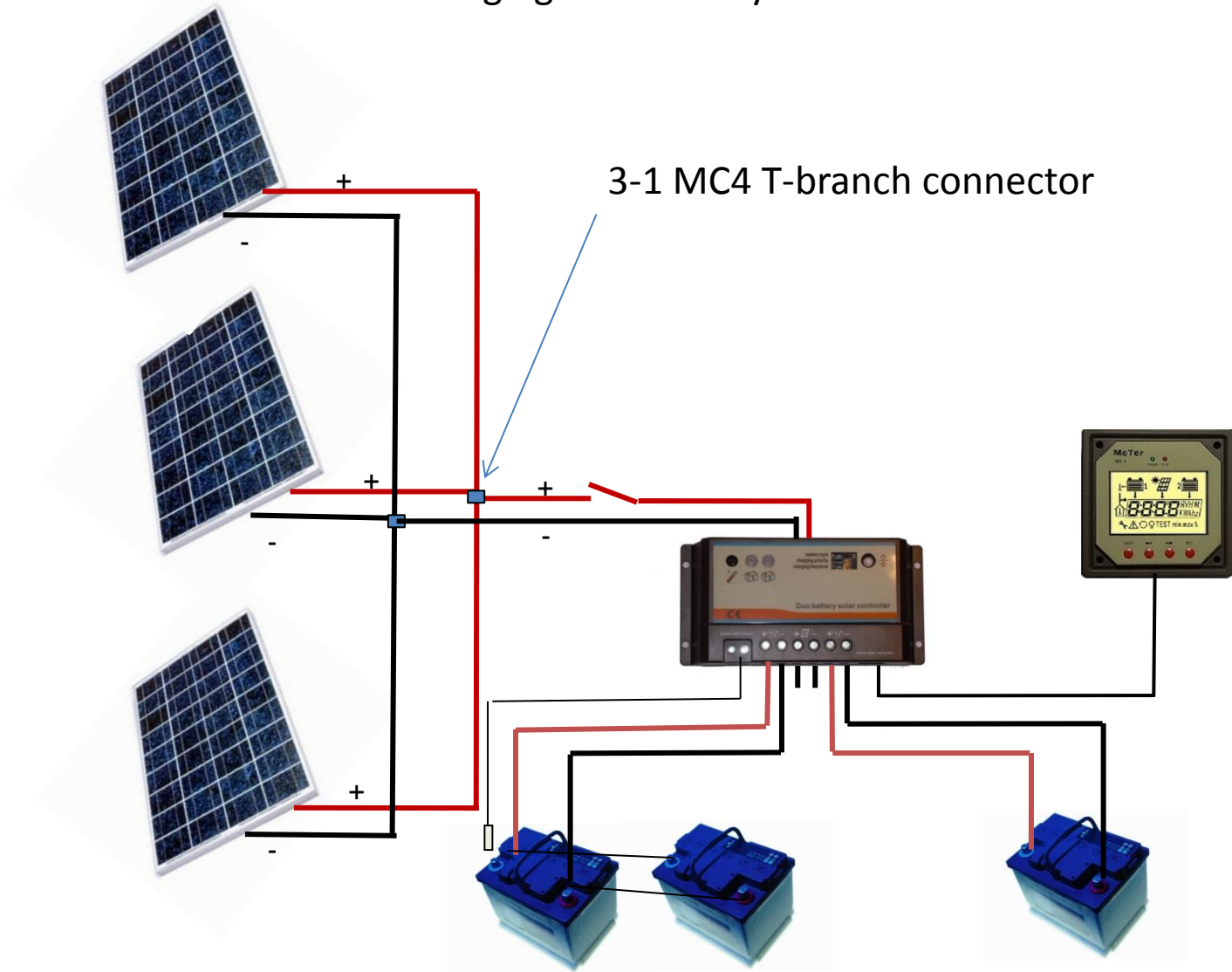


Four Solar Panels Wired Two in Series and Group in Parallel with EP Tracer BN MPPT Controller



Note: If a battery monitor is installed, negative wire from controller should be connected to the house side of the battery monitor shunt, not the battery bank.

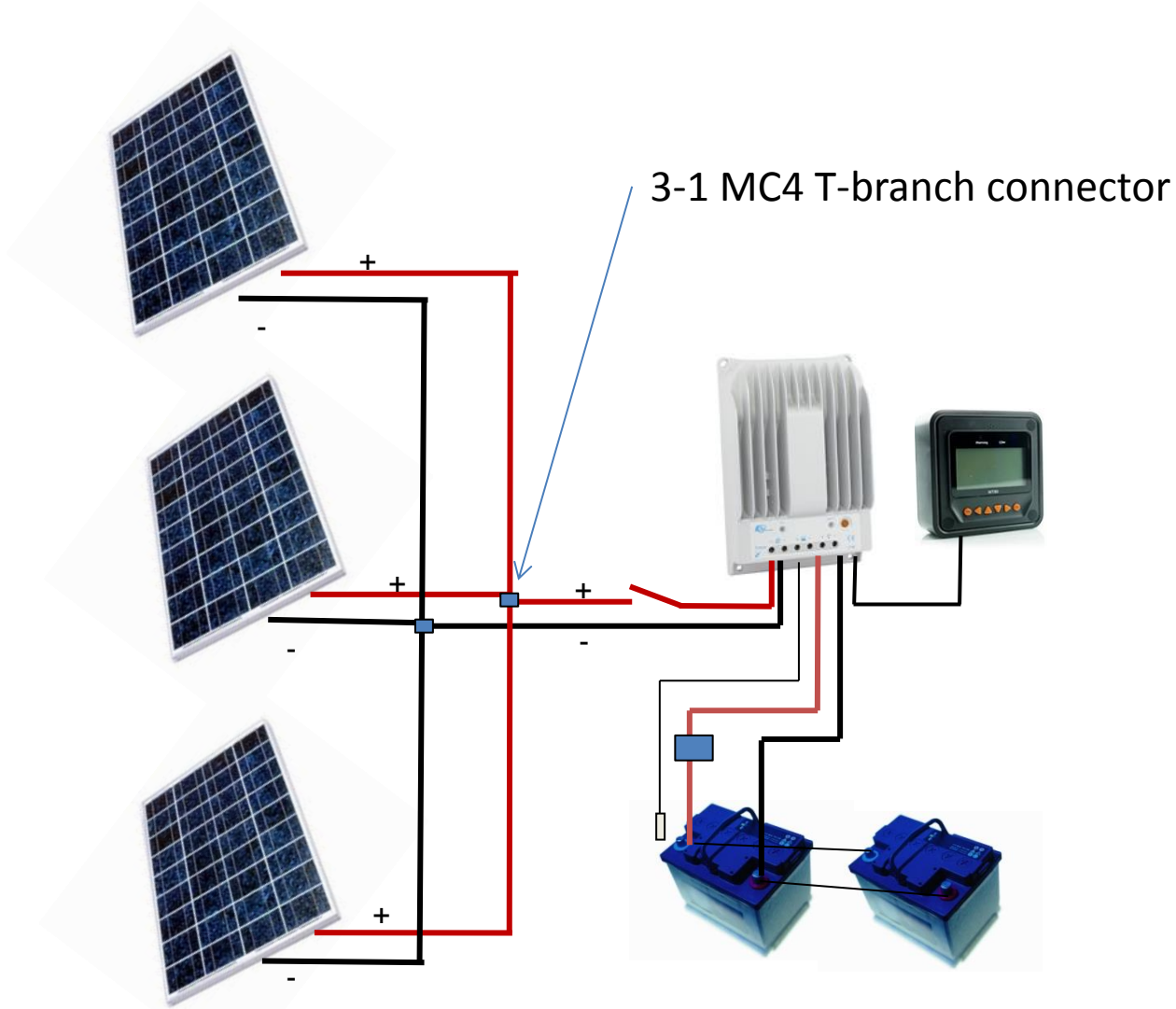
Three Solar Panels Wired in Parallel with EP Dual Output Controller Charging Two Battery Banks



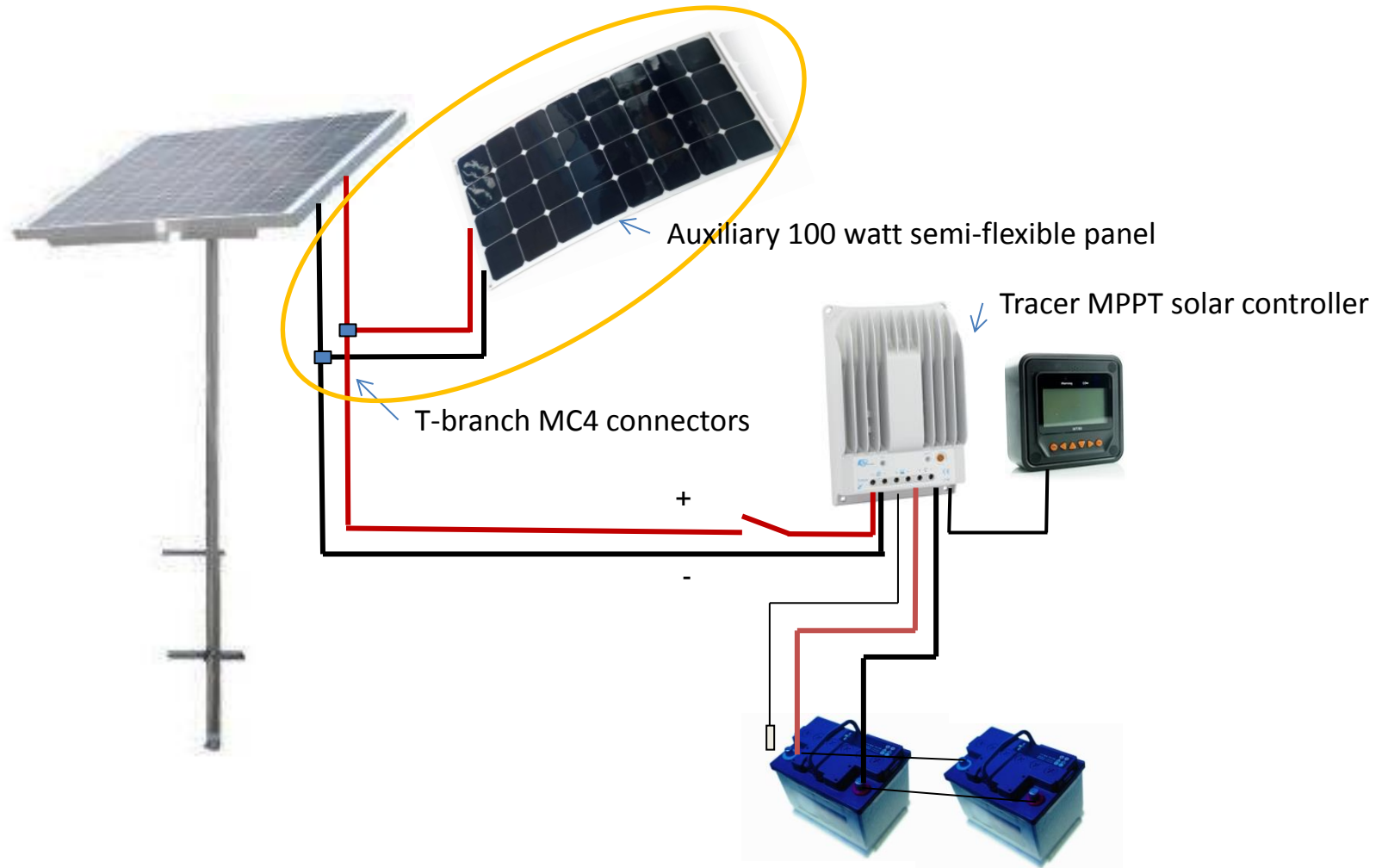
Note: If a battery monitor is installed, negative wire from controller should be connected to the house side of the battery monitor shunt, not the battery bank.



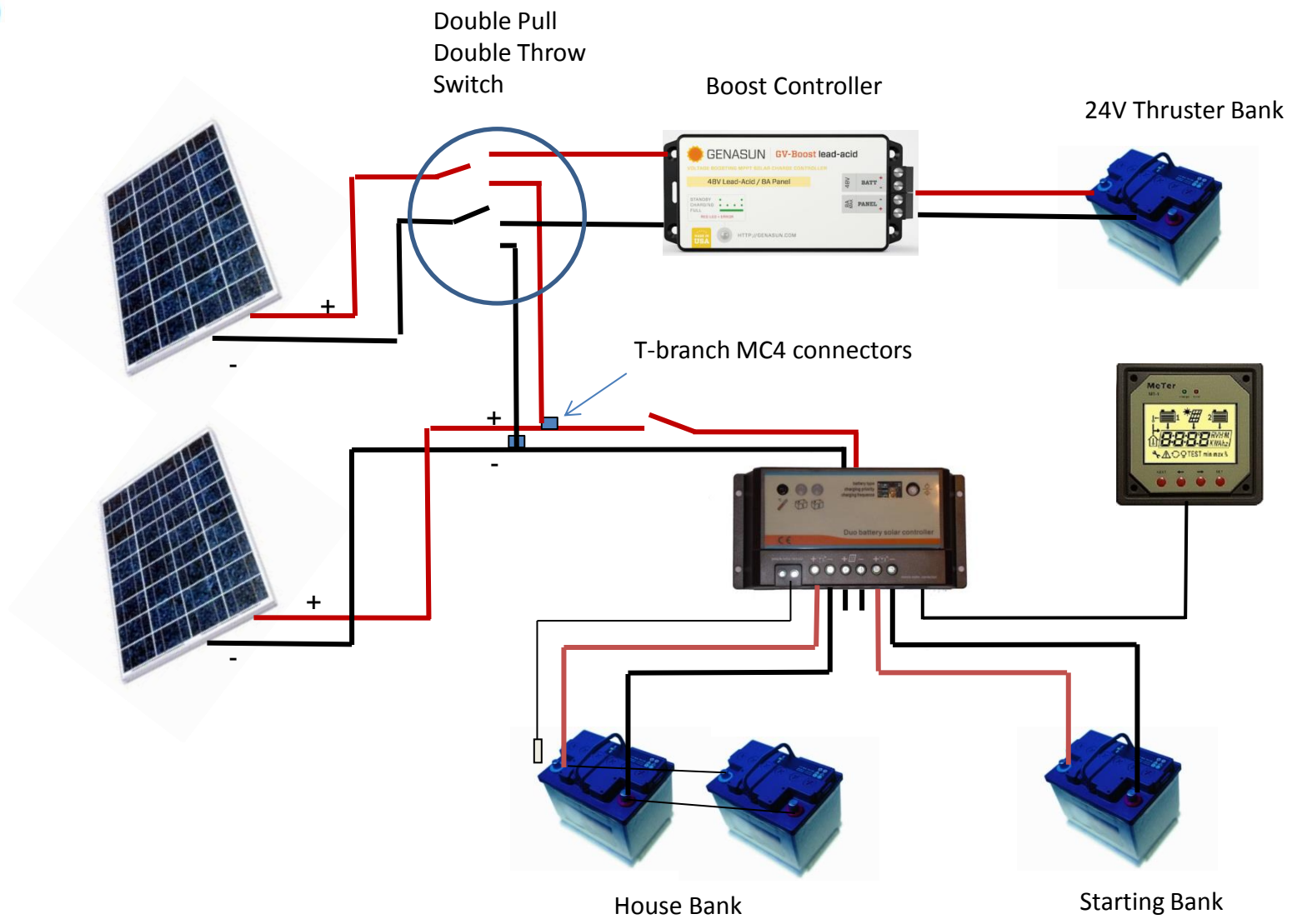
Three Solar Panels Wired in Parallel with One EP Tracer BN MPPT Controller

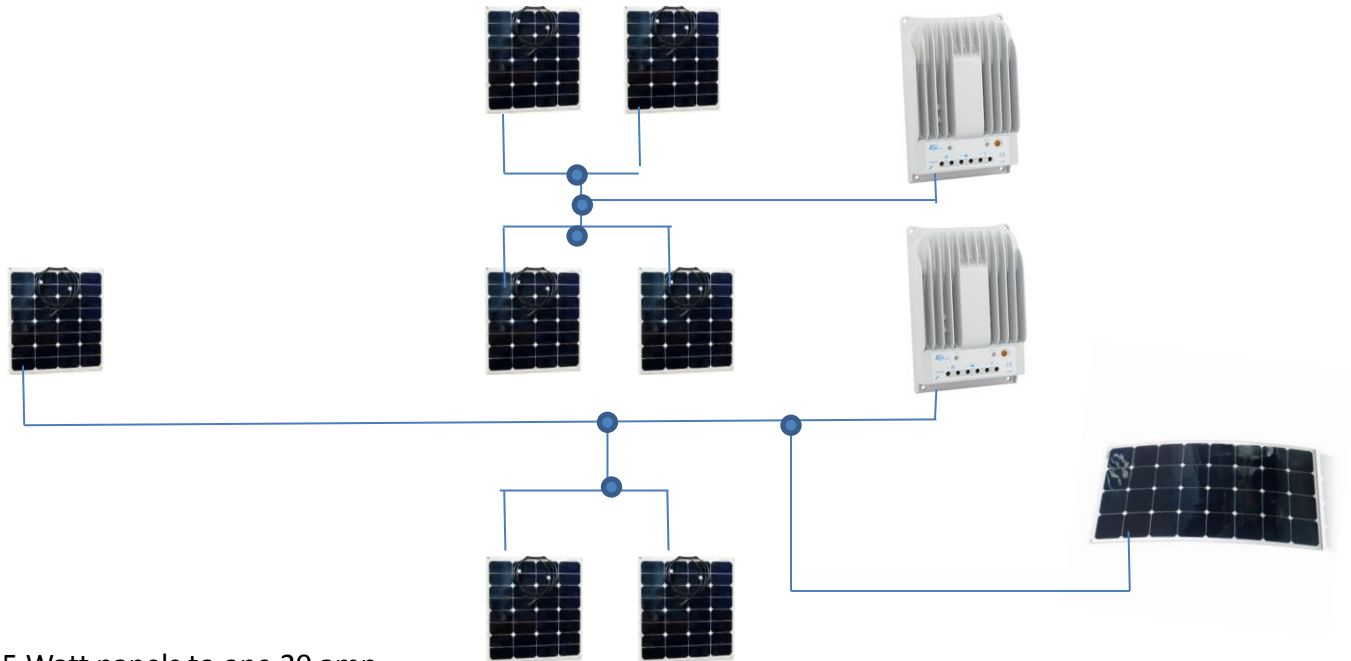


Note: If a battery monitor is installed, negative wire from controller should be connected to the house side of the battery monitor shunt, not the battery bank.



Wiring diagram showing connection of an auxiliary 110 watt solar panel when extra power is needed.

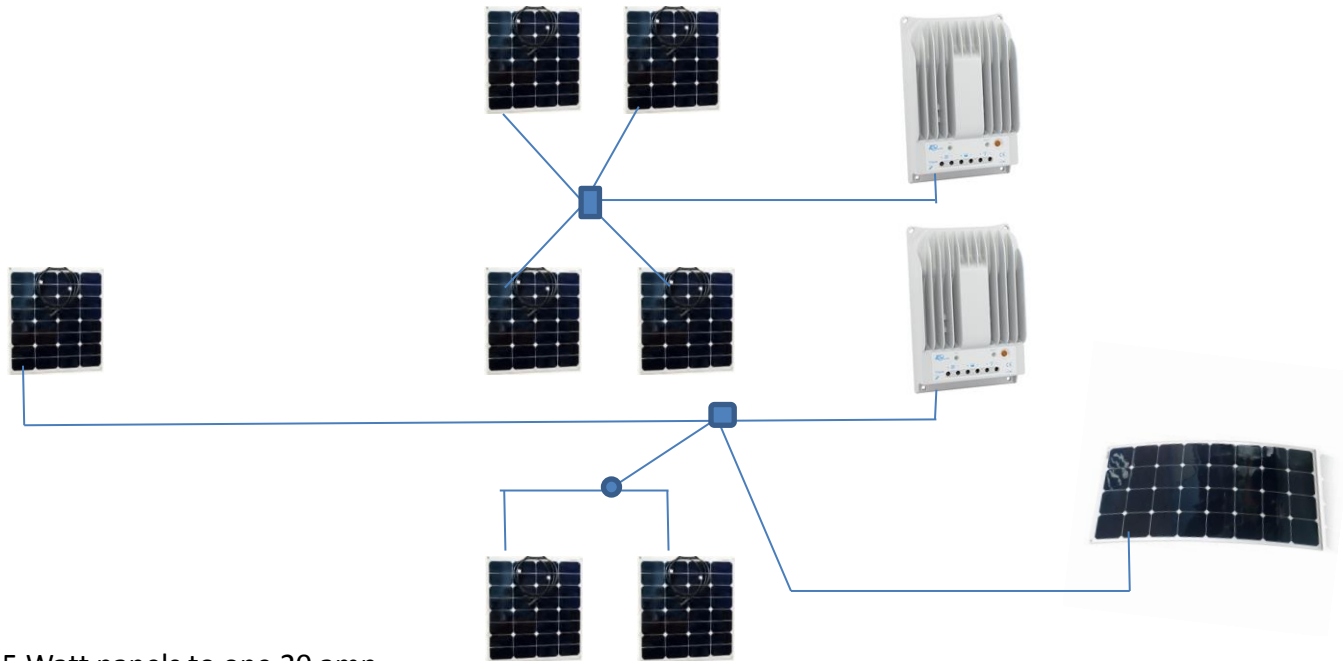




4 55 Watt panels to one 20 amp
Controller and
3 55 Watt panels + 100 Watt to
another 20 amp Controller

● 2-1 MC4 T-branch

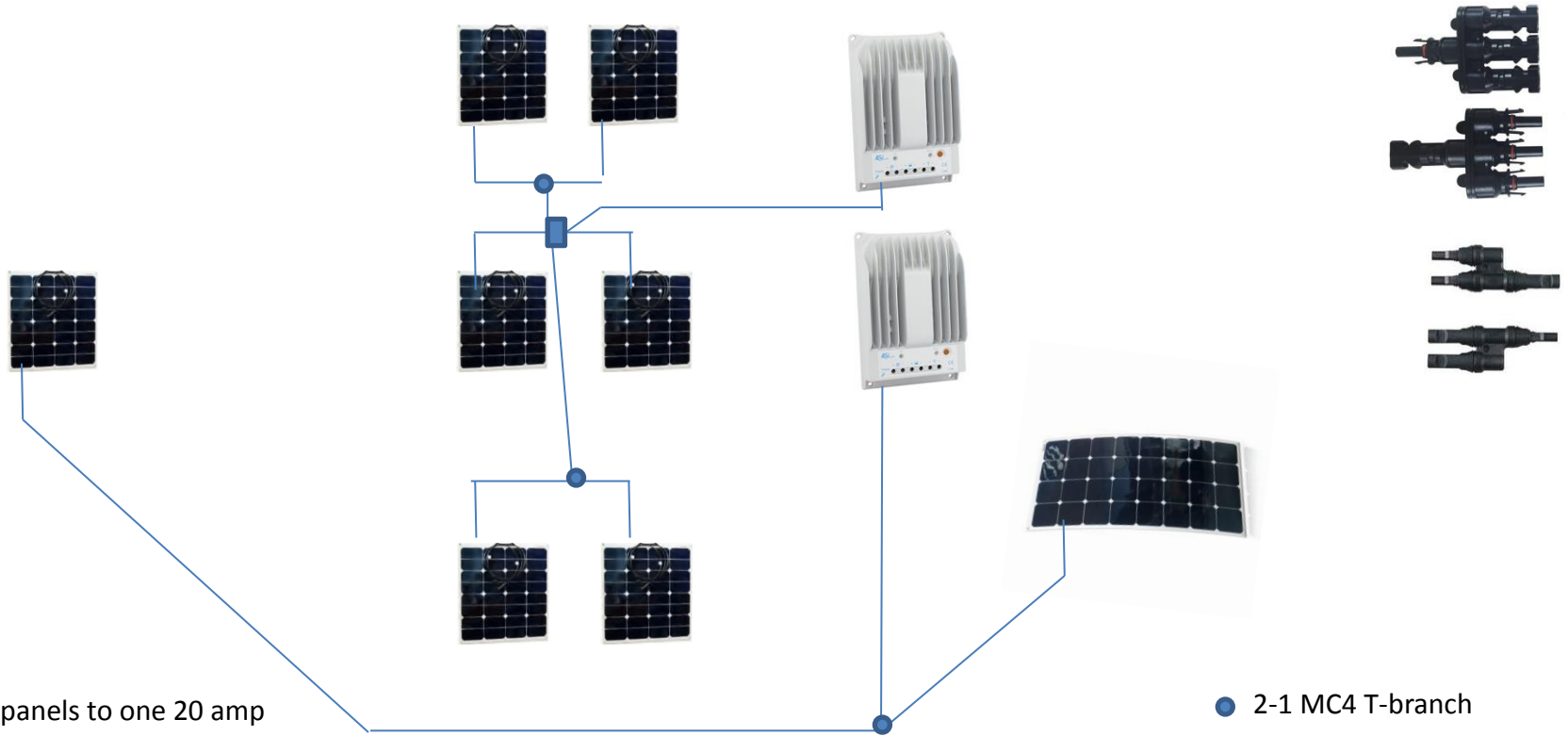
Diagram shows only one wire for simplicity. There will be two,
positive and negative.



4 55 Watt panels to one 20 amp
Controller and
3 55 Watt panels + 100 Watt to
another 20 amp Controller

- 4-1 MC4 T-branch
- 3-1 MC4 T-branch
- 2-1 MC4 T-branch

Diagram shows only one wire for simplicity. There will be two,
positive and negative.



6 55 Watt panels to one 20 amp Controller and 1 55 Watt panel + 100 Watt to another 20 amp Controller

- 2-1 MC4 T-branch
- 4-1 MC4 T-branch

Diagram shows only one wire for simplicity. There will be two, positive and negative.