

Three solar panels feed three pumps.
The solar panels are adjusted to be tangential to the incoming sunlight for maximum fountain height.
Height varies from around 1ft to about 4ft.

White wire on solar panel is +~18V
Thick brown wire on solar panel is -~18V.
One panel (with short wires) is sometimes wired for 9V.

One solar panel has a white with black tape that is negative.
It requires an extension wire to connect from the exit from the cement to bus terminal

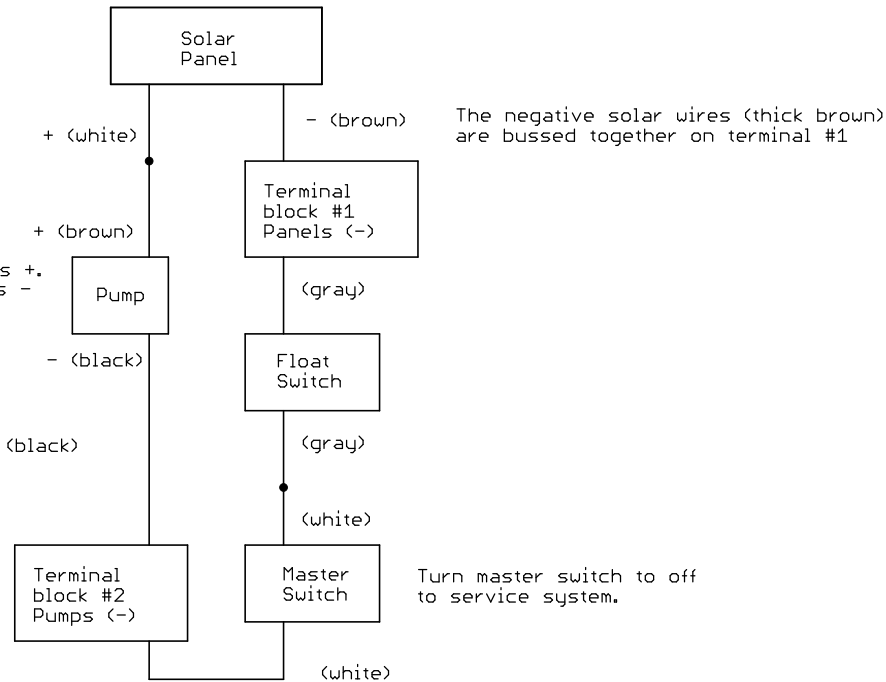
Brown wire on pump is +.
Black wire on pump is -
Pump is 500GPH...

Turn large main black pipe valve to off (orthogonal or perpendicular) when replacing pump.

The negative pump wires (black) are bussed on block #2

Pump model:
Rule 45DR Marine Rule 500
Replacement Motor for
Tournament Series Livewell Pumps
~\$32 on Amazon

A new pump has coil resistance of ~3.50hm
A used pump has coil resistance of ~2.50hm



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See: [github/nseidle/Solar_Fountain](https://github.com/nseidle/Solar_Fountain)

TITLE: Solar Fountain - Master Plan

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