Do-It-Yourself Garage

Marine Solar Panel Installation - Jeff Cote

Pacific acht Systems
marine electronics & electrical

design * installation * service * support

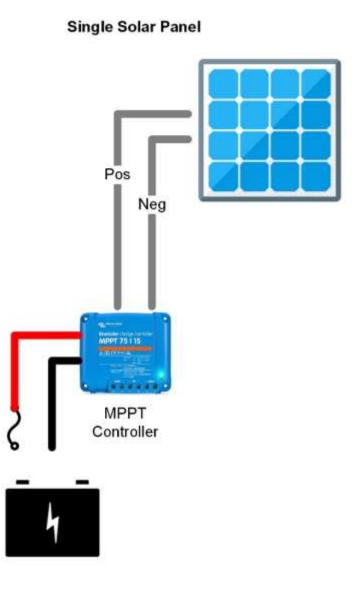
Safety

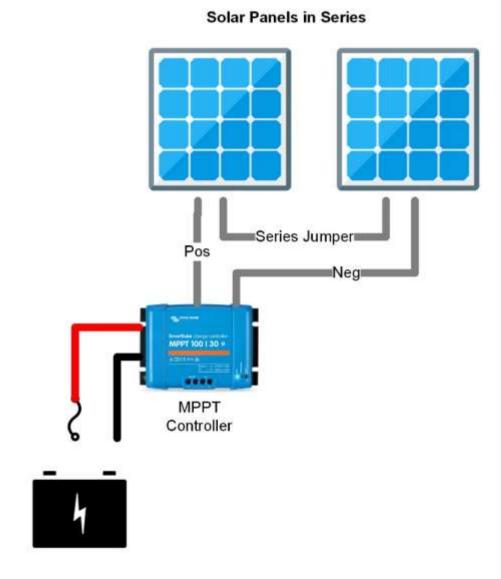


- Safety is paramount
- Land vs marine electrical code
- Trouble/fire on land vs at sea

Wide Selection of Panel Size







Battery

Battery

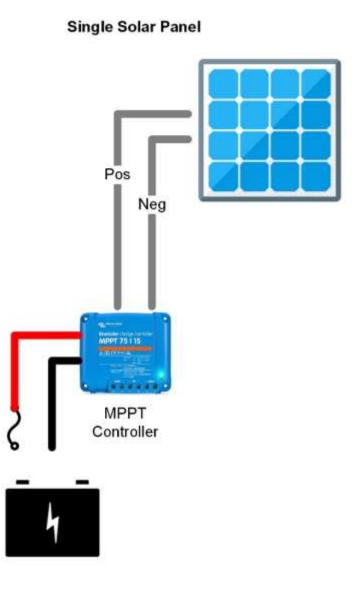
Created by Jeff Cote of Pacific Yacht Systems

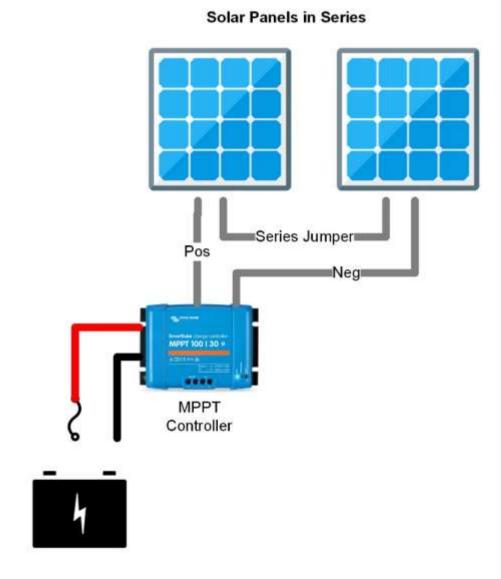
Tech | Seff Store | Sef

Solar Installation Components

ts

- Solar Panels
- MC4 Terminals
- Outdoor rated cable
- Cable clam or Clam Shell
- Marine wire for inside
- MPPT controller
- Fuse holder and fuse at batteries





Battery

Battery

Created by Jeff Cote of Pacific Yacht Systems

Tech | Seff Store | Sef

Prepping for Dodger Install



Hardtop Installation



Solar Wiring





Solar MC4 Connectors Disassembled





Solar MC4 Connectors



Controller Selections

- PWM vs MPPT
- Make selection based on
 - Battery Voltage
 - Maximum amperage
 - Maximum voltage
 - Battery chemistry: Flooded, AGM, Gel, Custom



-



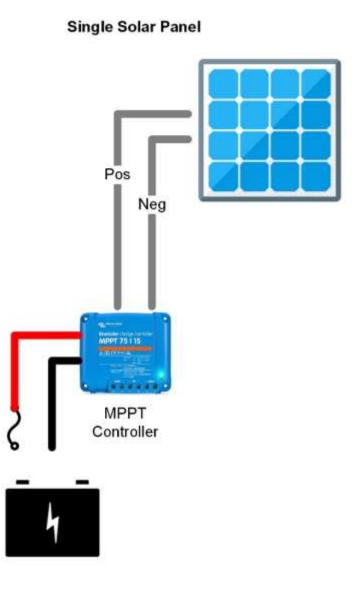
Genasun – GV-10 LA

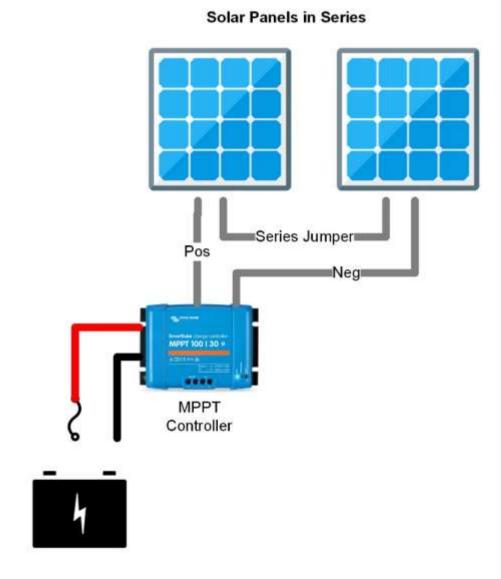


MPPT Wiring









Battery

Battery

Created by Jeff Cote of Pacific Yacht Systems

Tech | Seff Store | Sef

Marine Electrical Connections

Full service shop delivering marine electrical and navigation solutions tailored to your vessel and boating needs

Pacific acht Systems
marine electronics & electrical

design * installation * service * support