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Test performed by Julia Carleton, EE

The purpose of this test was to determine if the GV10 was large enough for the GSC170 & the SP137. Additionally, the two panels were compared to each other for output.

The GSC170 was tested in full sun with a GV10. It produced between 6.4 and 7.2A with the battery at 13.2V so it determined that the GV10 will not limit the GSC170.

The SpP137 was tested in full sun with a GV10. It produced between 8.6 and 9.4A at a battery voltage of 13.2V. The SP137 is right on the edge of compatible with the GV10.

The test was repeated with a Victron 75/15. GSC170 produced 6.8A. SP137 produced 9.1A.

**In summary the SP137 far outperformed the GSC170.**