



Global Case Study

Solis UL3741 Residential Installation

Solis-1P(6-10)K-4G-US

S6-EH1P(3.8-11.4)K-H-US



EnergyWise Service - Hub City Village, Oregon

Peter Greenberg, owner, of EnergyWise Services has been in the solar business since 2010.

With extensive experience in helping homeowners and businesses to go solar in Oregon, it has always been a part of his goals to give back to his community and support nonprofit organizations.

Background: Powering the Unhoused Community Through Solar

Being a former firefighter, Greenberg has struggled with the inefficacy and unreliability of panel-level power electronics. This is why he chose to utilize UL3741 for his installation on the Hub City Village's community center. Utilizing Pegasus Solar racking, Midnite Solar's 12A String-level Rapid Shutdown Device and Solis's 11.4kW S6 High Voltage Hybrid Inverter he was able to accomplish a UL3741 compliant system with significant time and cost savings. The system also has 30 410W ET solar modules.



Business Benefits: Cost and Time Savings

“The ease in installing only 1 RSD per string is a total game changer,” said Greenberg. “It saves time and provides the flexibility in placement. The majority of products today have MC4s, limiting us with jumpers and having to add connectors. This streamlines the total installation, saves liability, and ultimately costs. The costs involved of going back to a job when a single RSD or optimizer fails, the time it takes to resolve those issues, is significant for a small business like myself.”



Community Benefits: Good for People.

Individual rapid shutdown boxes have come under scrutiny in the past, especially when it comes to ensuring they are all functioning properly and providing the intended safety measures. In addition to the ability to execute a UL3741 system, Greenberg advised the ability and flexibility to add capacity and batteries later with the Solis hybrid was a huge advantage.

Hub City Village’s mission is to build safe, community-supported, self-governing housing that honor dignity and growth. Started by a group of Albany residents, their goal to create even more self-sustainable villages to continue to honor and build the community’s unhoused. This first community is fully self-sustaining, with the UL3741 install on their community center and an additional carport for guest parking with Solis’ 1P grid-tied units.

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