

Renewable Energy Systems

Designed for operation in almost all sunlight conditions in the UK, AcSoft Renew system components have been carefully selected to create pro-level autonomous solutions for delivery of uninterrupted, reliable power to AcSoft's noise and vibration systems.

Compatible with



SV 307A



SV 803



SV 303



SV 804

Renew 1

The AcSoft Renew 1 is a solar powered solution for long term off-grid deployment of monitoring equipment.



The latest iteration of our best-selling solar powered system utilises a 100W solar panel with a 12.8V 30Ah LiFePO4 battery, providing up to 384 Wh of power to connected equipment.



Charge management and power delivery is controlled by a dedicated charge controller with Bluetooth connectivity, enabling users to confirm operation at deployment and monitor charging performance of the system over time.

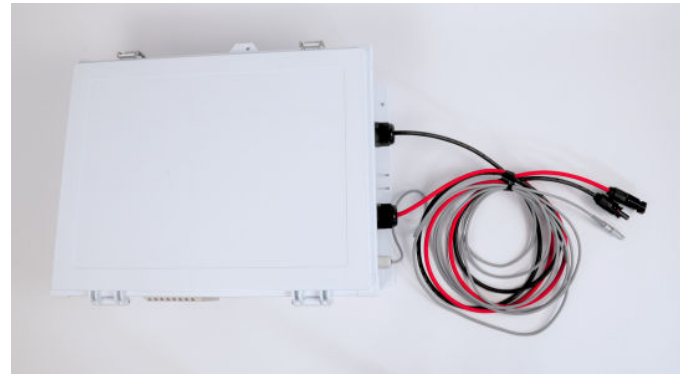
The Renew 1 system is designed for running low power monitoring equipment such as the SV 307A noise monitoring station under typical UK weather conditions, and can be supplied in either ground or pole mounted versions to best suit your site requirements.



Renew 2

The new Renew 2 enhances the capabilities of the Renew 1 with extra solar panels and a larger 1280 Wh battery. The charge controller and deep cycle LiFePO₄ battery are housed in a pole mountable weatherproof enclosure which can be padlocked for extra security.

Featuring 3x 100W solar panels which provide additional surface area for maintenance charging of the battery, the new Renew 2 allows multiple instruments to be connected to an off-grid source for longer term monitoring.



System Includes:

- Security provided via padlock
- AGM S-series battery, 12V, 1280Wh .deep cycle LiFePO₄ charge cycles Charge Controller
- IP65 GRP enclosure 600mm x 400mm x 230 (houses the controller, battery and terminations)
- Ground mounting brackets for panel supplied. Pole mounted available upon request
- 3 x Solar panel 100W Polycrystalline 1675mm x 956mm

Building on the success of the AcSoft Renew 1, the Renew 2 delivers reliable, high-capacity solar power for long-term off-grid monitoring applications.