AcSoft
Noise, Vibration & Air Quality

Renewable Energy Systems

Renew Systems Overview

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, vibration and air quality monitoring systems.

Renew 1

The Renew 1 from AcSoft is a solar only power solution using a 115W solar panel together with a 38Ah deep cycle battery. Charging and power delivery is controlled by the industry standard charge controller. The Renew 1 system is designed for running systems requiring lower power such as the SV307 noise monitor under typical environmental conditions.

System Includes:

- 1 x Solar panel 115W Polycrystalline 1015mm x 668mm
- Pole mount kit for Panel, for 48mm or 78mm pole
- Battery, deep cycle 12V 38Ah
- Charge Controller
- IP65 GRP enclosure 600mm x 400mm x 230 (houses the controller, battery and terminations)
- Security provided via barrel lock

Renew 2

The Renew 2 from AcSoft is a solar only power solution using a single 325W solar panel together with a 116Ah AGM premium solar battery. Charging and power delivery is controlled by the industry standard charge controller. The Renew 2 system is designed for running lower power systems in lower sunlight conditions or where guaranteed 24/7 operation is required.

System Includes:

- 1 x Solar panel 325W Polycrystalline 1675mm x 956mm
- Ground mounting brackets for panel supplied
- AGM S-series battery, 12V, 116Ah, 1250 charge cycles
- Charge Controller
- IP65 GRP enclosure 600mm x 400mm x 230 (houses the controller, battery and terminations)
- Security provided via barrel lock

Renew 2 PLUS

The Renew 2 PLUS from AcSoft is a solar only power solution using dual 325W solar panels together with a 116Ah AGM premium solar battery. Charging and power delivery is controlled by the industry standard charge controller. The Renew 2 PLUS system is designed for running medium power systems in lower sunlight conditions where guaranteed 24/7 operation is required or higher power systems like the ES642 Cloud in typical sunlight conditions.

System Includes:

- 2 x Solar panel 325W Polycrystalline 1675mm x 956mm
- Ground mounting brackets for panel supplied
- AGM S-series battery, 12V, 116Ah, 1250 charge cycles
- Charge Controller
- IP65 GRP enclosure 600mm x 400mm x 230 (houses the controller, battery and terminations)
- Security provided via barrel lock

Renew 3

The Renew 3 from AcSoft is our power solution for the toughest environmental conditions. It combines the solar power of the Renew 2 and adds a 155W wind turbine. The Renew 3 system is designed for running higher power systems such as the ES 642 Cloud in the toughest conditions where guaranteed 24/7 operation is required.

System Details

- AcSoft Renew 2
- 155W wind turbine with scaffold pole mount