

Solar Utility Pro

The only 1500V, 40A string checker



Key Features:

- > 1500V / 40A rated.
- > Large display designed for reading in direct sunlight.
- > Direct MC4 connections, with the option to add a conversion lead set for safer connections in combiner boxes.
- > Simple single button test.
- > Rugged case designed for continuous site work.
- > Store up to 999 complete record sets.
- > CSV output to PC to review data.
- > Pairs to Solar Survey 200R irradiance meter to capture the irradiance and temperature measurements at the time to test (single person testing).

Kit includes:

- > Solar Utility Pro unit.
- > Set of 1.2M red and black MC4 leads with test probe and alligator clip.
- > Set of 2M red and black MC4 extension leads.
- > SS200R irradiance meter.
- > SS200R irradiance meter clamp.
- > PV hold-all bag.
- > 3 x 18650 protected lithium-ion batteries.
- > Battery charger.

To see the new **Solar Utility Pro** for yourself, request your live online demonstration today at seawardsolar.com/SUP

T: +44 (0) 191 587 8741 E: sales@seaward.co.uk
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Technical Specification:

Open Circuit Voltage Measurement (PV Terminals)

Display Range	0.0VDC – 1500VDC
Measuring Range	5.0VDC – 1500VDC
Resolution	0.1VDC max
Accuracy	±(0.5% + 2 digits)

Short Circuit Current Measurement

Display Range	0.00ADC – 40.00ADC
Measuring Range	0.50ADC – 40.00ADC
Maximum Power	45 kW
Resolution	0.01ADC
Accuracy	±(1% + 2 digits)

General Specifications

Dimensions	340mm x 300mm x 152mm (L x W x H, Closed) 13.4" x 11.8" x 6.0" (L x W x H, Closed)
Weight	4.7kg (10.4lbs)
Power Source	3x 3.7V / 3000mAh Li-ion batteries
Communication	USB Download
Display	Custom LCD with backlight
On-board Memory	Up to 999 datasets
Storage Environment	-25°C to +65°C (-13°F to 149°F)
Operating Conditions	0°C to 40°C (32°F to 104°F)
Environmental Protection	IP 40 open, IP64 closed

Connectivity

USB download to PC, via DataLogger Utility	(CSV format)
Wireless "Solarlink" to Survey 200R	Frequency 433MHz, range 30m/100ft Frequency 915MHz, range 30m/100ft (USA)

Part Number: 416A912

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Rev 1.4



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