

Portable Solar-Powered Weather Station

The fastest, easiest way to collect weather data in remote locations

The Portlog solar-powered, self-contained weather station measures and records barometric pressure, temperature, humidity, dew point, wind direction, wind speed, rain fall and solar radiation. The instrument is configured for remote areas with limited sunlight and extremely harsh conditions.

Logging rates can be programmed to record at custom intervals from once per minute to once per hour; at hourly logging, the standard memory will hold one year of data. Data logging can be configured to wrap or stop logging when memory is full. In wrapping mode, the oldest record is replaced with the newest when the memory is full. Download data via RS-232 interface in the field or the lab.

The Portlog design simplifies the transport and setup process with a sensor assembly that can be mounted in minutes. When data collection is complete, simply return sensor assembly and tripod to the rugged carrying case—no assembly or disassembly required!

- Complete weather data storage: barometric pressure, temperature, humidity, dew point, wind direction, wind speed, rainfall, and solar radiation
- Ships fully assembled in rugged transport case
- Unpacks and deploys in just minutes with no assembly necessary



99765-06

| SPECIFICATIONS | | |
|------------------------|--|-----------------------|
| Parameters | Range | Accuracy |
| Barometric pressure | 10.2 to 37.4" Hg (200 to 1100 mbar) | ±0.01" Hg (±0.5 mbar) |
| Temperature | −66 to 150°F (−54 to 65°C) | ±2.0°F (±1.0°C) |
| Relative humidity | 0 to 100% | ±2% |
| Dew point | −40 to 110°F (−40 to 43°C) | ±4.0°F (±2.0°C) |
| Wind speed | 0 to 150 mph; 0 to 130 knots; 0 to 67 m/s; 0 to 240 km/hr | ±2.0% of full scale |
| Wind direction | 0 to 360° (10° resolution) | ±5° |
| Rain fall | Unlimited tipping bucket with 8" (20.3 cm) dia | ±2.0% at 1.0"/hr |
| Solar radiation | 0 to 2000 w/m ² | 3 to 5% |
| Dimensions (W x H x D) | 3½" x 13¾" x 3⅝" (89 x 349 x 84 mm). Tripod stands 10 ft (3 m) tall. | |
| Power | Solar power/battery supply | |

What's included: solar powered sensor/data logger assembly, software and RS-232 cable, compass, 10-ft (3-m) tripod, tie-down hardware, carrying case, and battery charger.

| Catalog No. | Model No. | Description |
|-------------|-----------|--|
| TS-99765-06 | PORTLOG | Portable solar-powered weather station |

Get Answers.
Product Selection and Support

0984 843 683

sales@ttech.vn