



#40R Solar Powered Wind Data Logger Package



The **Wind Data Logger** is designed to provide an affordable and easy-to-use solution for wind site evaluation and wind generator performance. It easily supports both simple and complex monitoring applications. The Wind Data Logger records wind speed, gust and direction (with an optional wind vane) as well as time and date, temperature, battery voltage, and other important wind parameters. The data logger is capable of recording wind speed from up to three anemometers, making it ideal for more complex studies involving multiple wind speed instruments and other sensors. An internal wireless option is available which provides access to live data via our secure WorldData site. This Data Logger package comes equipped with a **#40R** reed switch anemometer which is very accurate and durable. The anemometer cable is **Arctic Ultraflex Blue™**, UV resistant, power limited tray cable, 300 volt. This is our finest sensor cable and is exclusive to APRS World! It uses 20 AWG conductors protected by an ultra tough and highly flexible Arctic Ultraflex jacket. The cable remains flexible to -55°C. Calibrated anemometers are also available.

The **Wind Data Logger Solar Outdoor Package** is perfect for remote areas without access to AC power. The **Polar Edition** is designed to withstand the harsh weather conditions in arctic regions and features a 30 watt solar panel and 17 amp/hour sealed battery that will run the data logger almost indefinitely. The Outdoor Package was designed specifically for customers who need a secure, weather-proof location to store a data logger. The Data Logger is enclosed in an almost indestructible Pelican™ case.

The **Polar Edition of the #40R Solar Powered Wind Data Logger Package** features:

- Wind Data Logger module
- #40R Anemometer with Arctic Ultraflex™ cable, 30m (100')
- Pelican 1400 case
- **30 watt solar panel**
- **17 amp/hour sealed AGM battery**
- Morningstar SunKeeper SK-6 solar charge controller
- Lightning protection for all sensor channels and solar input
- Self-resetting fuse
- Stainless steel hardware
- Weatherproof cable feedthroughs
- 2m (6') or longer solar panel cable
- 2 gigabyte Secure Digital (SD) card
- USB Secure Digital (SD) card reader
- Arctic Ultraflex™ Temperature sensor, 3m (10')
- Printed manual



#40R Solar Wind Data Logger Package - Polar Edition

Part Number: APRS6065
Shipping Weight: 20 kg / 44 lb
RoHS: compliant



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