



## Ultra Powermate



### SKU: SOL-BAT-UPM

The Ultra Powermate is a portable, rugged, solar compatible power system that supplies a 12V power source to a remote monitoring station. The sturdy plastic case has multiple pull handles and wheels for moving the system on site and is built to withstand all weather elements.

The modular design allows use of either one or two 110Ah 12VDC batteries, depending on the system's power requirements. All connectors and components are included to ensure users get up and running quickly. The system is suitable for most monitoring applications, including the Aeroqual's air quality monitoring systems, Automated Total Stations and Instantel seismographs.

### FEATURES

- > High capacity/quality charge controller
- > Easy to use, weatherproof connections
- > Rugged, wheeled plastic enclosure
- > Built-in automatic pressure equalization valves
- > 6 x sturdy latches
- > Padlockable metal holes

### BENEFITS

- > 24VDC compatibility ensures max efficiency
- > Quick setup time
- > Modular design gives added flexibility
- > Compatible with most data acquisition systems
- > Ideal for long-term, outdoor monitoring projects

### TECHNICAL SPECIFICATIONS

<b>Size:</b>	30" x 23" x 16"	<b>Ingress Protection:</b>	IP65
<b>Case Material:</b>	Polyolefin	<b>Power Input:</b>	24 - 40VDC
<b>Case Weight:</b>	48lbs (without batteries),	<b>Power Output:</b>	12VDC (option to be regulated)
<b>DC Input Cable (Solar):</b>	Anderson Connector (case), MC4 Connector (solar panel)/ 2.2lbs	<b>Battery Capacity:</b>	220 Ah (110 Ah per battery)
<b>DC Output Cable (system):</b>	Anderson Connector (case), system specific (system)	<b>Battery Weight:</b>	120 lbs (60lbs per battery)