



SurePower™ keeps your meter and its accessories logging under even the most severe conditions

High-Capacity Self-Contained Rechargeable Batteries

All of our meters have rechargeable batteries with ample capacity. This means that you can use your meter for spot checks and logging sessions for an entire work day without having to worry about attaching chargers or other energy sources to the meter. It also means you make an ecological contribution by avoiding disposable batteries.

No Batteries in our probes and accessories

None of our current probes require disposable batteries. This means that when your logging session is done, the data will be there. The circuitry of our flexible CT and DC current probes gets its power directly from the PowerSight meter. Improve your results, simplify your life, and make an ecological contribution by not using disposable batteries.

Wall Charger that works with you

All of our meters come with wall chargers that provide a ubiquitous source of power for the meters. Since the internal batteries are automatically charged while the charger is running the meter, the charger/battery combination allows you to charge for as long as the wall socket is active and to bridge power outages of from 8-10 hours duration (6-8 hours for the PS4000). This is sufficient for most logging needs. Chargers are available for use with North American standard, European standard, and British standard sockets.

Line-To-DC Converter option for maximum flexibility

Our Line-To-DC Converter (LDC) is an accessory that converts the power that you are monitoring into a source of 12VDC to run your meter. When combined with the internal rechargeable battery capacity, this allows essentially unlimited logging duration. Reasons you may wish to use an LDC are:

- Use for everyday monitoring without the bother of hooking the charger up to a 120V outlet jack
- Simplify monitoring connections when the LDC and PowerSight are installed in a power panel (no wires entering or exiting the panel, all secured from theft and tampering)
- Simplify monitoring connections when the LDC and PowerSight are inside a CASW weather-resistant operating case (just hook up the voltage leads).
- Reduce theft or tampering of your test setup by locking the meter, LDC, and all wires inside a power panel while logging
- Monitor on a rooftop, power pole, power pad, or electrical room where a 120V outlet jack is not available for your charger
- Monitor where an extension cord from a 120V outlet jack would be a safety hazard
- Provide reliable charging of the meter when there is concern that the available 120V outlet jack may be switched off by other personnel

Wide-Range 12VDC input power

All PowerSight meters are powered by a nominal 12VDC. This means you can set up your own charging arrangement. Using a 12V car battery can run your meter for many weeks. This is ideal for use in locations having extended power outages or for remote solar-power generating systems. Seek factory advice before making your own charging arrangement.