

Our weather-resistant operating case provides indoor/outdoor flexibility. One of the prime benefits of PowerSight is its small size and portability. But there are occasions when the unit needs to be left unattended for weeks at a time or it needs to be used outdoors or it needs to be securely fastened to a permanent structure to avoid theft. Our weather-resistant operating case [order CASW] provides the solution to these requirements.

Features of the CASW

If there is a need to place PowerSight in permanent mounting or use it in inclement weather, the CASW is your solution.

- Your existing PowerSight unit fits snugly into its die-cut foam and will slip out, even when the case stands erect and the door is open.
- The cables are routed under and around the unit to exit the case on the right without interfering with the operation of PowerSight.
- Weather-resistance is maintained by compressing high-grade low-memory foam around the opening. The sealing is sufficient for all but the most extreme conditions (such as being under water).
- There is space for a line-to-DC converter (LDC2 or LDC3) to allow operating PowerSight from the power that is being monitored. This is especially important for outdoor and rooftop installations that do not have a ready source of 120V power to run the charger for PowerSight. If the power being monitored is lost, PowerSight's internal rechargeable batteries will bridge over the failure for 8 to 10 hours (PS250 and PS3000 only).
- Additional cutouts to hold the standard charger and a serial communications cable.
- When the PowerSight unit is locked up in the CASW, communications can be maintained via the serial communications cable that can be run out of the right side of the case.
- There is provision for two locks or chains. This can be used for locking the case shut, to eliminate tampering, or to lock it to a permanent fixture to discourage theft.





- The case is compact (13 x 16 x 7 inches) and comfortable to carry by its handle. It weighs 7 pounds.
- Combine it with our soft accessory case [order SCAS3] for transporting your entire system (current probes go in the SCAS3 and sling over the shoulder).

Using the CASW

These are the steps to follow to install and operate PowerSight in the CASW:

1. If present, position the LDC accessory in the provided cutout for it at lower right (LDC2 or LDC3 only). The 12VDC outlet of the LDC and the two red leads are positioned below the bottom layer of foam and end up where the voltage inputs to PowerSight will be. The excess lead length can be positioned underneath the LDC. The LDC in-line fuses should be inserted between the Va and Vb voltage clamps and their associated voltage leads. This puts the fuse protection as close to the source as possible.
2. Position the PowerSight meter in its designated cutout and plug the 12VDC plug from the LDC (if present) or the wall charger into the unit.
3. Route the voltage leads into the CASW and attach them. The Va and Vb leads attach into the stackable leads from the LDC (if present) and then plug into the Va and Vb inputs of PowerSight. If working with a single-phase system, then the Va and Vn leads are attached to the LDC leads and then into the Va and Vn inputs of PowerSight. The voltage leads must lie on the soft foam of the opening of the CASW.
4. Plug the Ia and In current probes into PowerSight and then route them under PowerSight to the right side of the case. Plug the Ib and Ic current probes into PowerSight and route them to the right.
5. Now that all these cables are routed, the unit can be turned on. At this point, monitoring can be started by pressing the buttons of PowerSight or it can be initiated later via the serial cable. Alternatively, if a programmed start time has been programmed into it, nothing more needs to be done with the meter.
6. Smooth all the cables out flat on the foam surface at the exit point of the CASW and lower the lid down on them to clamp them in place. Make sure the cables rest only on the compressible foam before closing the case. With the cables securely in place snap the latches shut. You are done.

For best results, leave the CASW standing up or lying down. Do not leave it outside on its side with the handle side on top. If water pools in the depression where the cables exit, seepage can occur over time.

Availability

The CASW is available for immediate purchase from Summit Technology Inc. To order, specify **CASW**.

For more information on our products contact:

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