SolarEdge ONE Manager Bill of Materials

Ordering Details and Compatibility Table

Component	Description	Vendor	Qty	Lead-Time	Replacing PNs
SE-ONE-Manager PN: SE-C1-RUT-WR-MB	Fully wired outdoor enclosure for quick integration of SolarEdge ONE Controller with sensors and meters, enabling site monitoring and control.	CCS via Greentech	1 per site	6-8 weeks After Receipt of Order (ARO)	1.SE1000-CCG-G-S1 2.SE1000-DTLG-S1 3.SE-RGMTR-3D-208V-A 4.SE-RGMTR-3Y-208V-A 5.SE-RGMTR-3Y-480V-A 6.SE-RWND-3D-480-MB
Cell plan (2 options): FLD-TMO-LTE-SIM-1 (500 kW) FLD-TMO-LTE-SIM-2 (2.5 MW)	Cellular plan: 1) AC≤500kW, 5-year plan 2) AC≤2500kW, 5-year plan	SolarEdge via Greentech	1 per site	2-4 weeks	1.CELL-A-R05-US-S-S4 2.CELL-A-R05-US-S-S5
Current Transformers PN: Varies on project	Current Transformers are chosen based on the current rating of the project: 1) 50A-600A Applications:-Split-core CTs: ACTL-1250 Split-Core CT -Buy -Continental Control Systems, LLC 2) 600A-5000A:-RCSL-RCLL Rogowski Coil: RCSL/RCLL Rogowski Coil Flexible CTs -Info -Continental Control Systems, LLC Parallel CTs for RGM requirement (for higher accuracy):Measuring Parallel Conductors -Continental Control Systems, LLC	CCS via Greentech	Varies	1-2 weeks, unless Greentech has in stock	1.SEACTL-1250-150-C3 2.SEACTL-1250-300-C3 3.SEACTL-1250-600-C3
Weather Sensor kit (2 options)	1)Si-RS485TC-3T-MB (POA, BOM, Tambient) 2)Si-RS485TC-2T-v-MB (POA, Wind, BOM) + Ta-ext-RS485-MB (Tambient) POA: Si-Sensor_DS_EN.pdf Tamb-Si: Tamb-Si_IM_EN.pdf Tmodul-Si: Tmodul-Si_IM_EN.pdf Vwind-Si: Vwind-Si_IM_EN.pdf External Tamb: Ta-ext-RS485_ EN_2025-02.pdf	IMT via Greentech	1 kit per site	In stock for orders up to 10, otherwise 4-6 week lead-time	1.SE1000-SEN-IRR-S1 2.SE1000-SEN-TAMB-S2 3.SE1000-SEN-TMOD-S2 4.SE1000-SEN-WIND-S1

Note:

- Open for orders via Greentech Mid-Atlantic and No. California.
- Lead-Time is 6-8 weeks after receipt of order (ARO)
- For quote and proposal, please reach out to your Regional Sales Manager or:
  1. East: Dylan Moses at Greentech-Pennsauken
  2. West: Jacky Chasteler at Greentech-San Leandro

FAQ's

Q: What's included in the SolarEdge ONE Manager and SolarEdge ONE Manager Solution?

A:
- The **SolarEdge ONE Manager** includes a factory-integrated outdoor enclosure with an energy meter, SE ONE Controller, cellular modem, internal power supplies, and terminal blocks for field connections.

- The **SolarEdge ONE Manager Solution** includes the full package needed for site integration: the SE ONE Manager, weather sensors, and Current Transformers (CTs).

Q: What are the main advantages of using the SolarEdge ONE Manager?

A: The SolarEdge ONE Manager streamlines site integration by bundling everything into a single, outdoor-rated enclosure — including support for energy meters (208VAC/480VAC Wye & Delta), weather sensors, and future sensor integration. It will also be a part of the UL 3141 export limiting solution in the near future.

Q: Is the SolarEdge ONE Manager replacing the Communication Gateway (CCG)?

A: Yes — the SolarEdge ONE Manager is the next-gen replacement for the CCG and DTLG. See the compatibility table for cross-reference with the previous PNs.

Q: Why does the SolarEdge ONE Manager cost more than the CCG or DTLG?

A: It includes far more: energy meter, cell modem, ONE Controller for logging, internal power supplies, surge protection, and native support for Rogowski coils — all in a single integrated box that connects directly to the site AC bus.

Q: Do I need the SolarEdge ONE Manager if I only need an energy meter?

A: No — if your project only requires energy metering (and no weather sensors), you don't need the SolarEdge ONE Manager. Refer to for more details.

Q: Can this be ordered directly from SolarEdge?

A: No — it is currently available through distributors such as **Greentech.**

Q: Who do I contact for pricing and proposals?

A:
- East: Dylan Moses at Greentech-Pennsauken
- West: Jacky Chasteler at Greentech-San Leandro

Q: What is the current lead time?

A: Approximately **6 to 8 weeks** from order placement.

Q: When is UL 3141 (export limiting) certification expected?

A: We're targeting **end of 2025** for UL 3141 support.

Q: How secure is the remote configuration feature?

A: Very secure. Access is credential-protected, limited to two administrative roles within ONE for C&I, and changes are tracked via a built-in **audit log** showing who made what changes and when. Cybersecurity is a top priority at SolarEdge.

Q: Can I apply configuration settings across multiple sites at once?

A: While you can't push to all sites in one step, you can **save a remote settings profile at the account level**, making it reusable across sites without re-entering every parameter.

Q: Are there additional costs for upgrading to SolarEdge ONE for C&I (new monitoring platform for C&I)?

A: No. Everything shown in the demo — including monitoring — is **free of charge** under our standard offering. The upcoming **ONE for C&I Pro** version will be a paid solution.

Q: Can I customize the ONE Manager for large systems?

A: Yes — it supports 208VAC and 480VAC (Wye and Delta) and current levels up to **5,000A** using Rogowski coils. For other configurations, reach out to your SolarEdge representative.

Q: Can residential installers use ONE for C&I?

A: Absolutely. Any installer using SolarEdge Monitoring can access ONE for C&I on commercial sites. In Fleet View, you'll see **residential vs. commercial sites** based on icons. ONE for C&I is the exclusive UI for commercial; residential sites will still open in the classic monitoring portal.

Q: When will all users be automatically migrated to this platform?

A: Automatic rollout is expected **by August.**
We are encouraging customers to migrate as soon as possible to get familiar with the system. Scan the QR code on screen during the session or request migration here.

Q: Where's the device screen? Can we still view optimizer counts?

A: Yes — go to the **Digital Twin** tab and **right-click** on any inverter to access the device-level screen and see optimizer connection details.

Q: Will SolarEdge provide training and support?

A: Yes. We will offer continuous training and create guides to help with equipment selection, installation, commissioning, and O&M.