

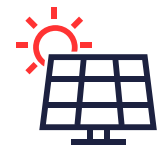
More Power. More Profitability.

Introducing our new C&I Three Phase Inverters with Synergy Technology for ground mount, carport and rooftop solutions, up to 120kW. Go bigger with 175% DC oversizing, keep costs low with modular design and provide confidence with robust safety features.

” Evergreen promotes SolarEdge to all our customers. Their power optimizer-based design makes it easy to manage commercial projects through module-level monitoring - as opposed to traditional string setups, which can be a total nightmare to troubleshoot. Plus, we have seen the positive long-term effects of SolarEdge PV, as those sites continue to outperform.

—Jacob Sussman, COO, Evergreen Energy

Get More with the Synergy Power Series



Maximized Performance

Increase energy production with up to 175% DC oversizing and enable more uptime with modular design. Keep panels in optimal condition with built-in nighttime PID (Potential Induced Degradation) rectifier.



Less Time Onsite

Our innovative pre-commissioning feature gives you confidence that the system is working properly before leaving the site and well in advance of grid connection.



Simplified Installs and Servicing

Move faster with identical, lightweight, modular units. Quick access via the Synergy Manager – no need to open inverter covers for configuration or maintenance.



Safe. Robust.

Robust design offers extra protection through thermal sensors on DC, AC terminal blocks and monitored/field replaceable Type 2 SPDs (Surge Protection Devices). Stay NEC compliant with built-in rapid shutdown

Everyone Benefits

System Owner

- / Higher energy production
- / Durable design and performance
- / Enhanced safety

EPC

- / BoS savings
- / Simplified installation
- / Fast and easy commissioning
- / Enhanced safety

O&M Provider

- / A robust solution with superior monitoring and control
- / Modular architecture enables greater system uptime and simplified O&M
- / Enhanced safety

Technical Specifications

50kW for 208V grids
80kW, 100kW, 120kW for 480V grids

Introducing Pre-Commissioning

- Easy onsite system validation with full visibility of all components and wiring, using a handheld battery pack. Know everything is working correctly before leaving the site, well in advance of grid connection.

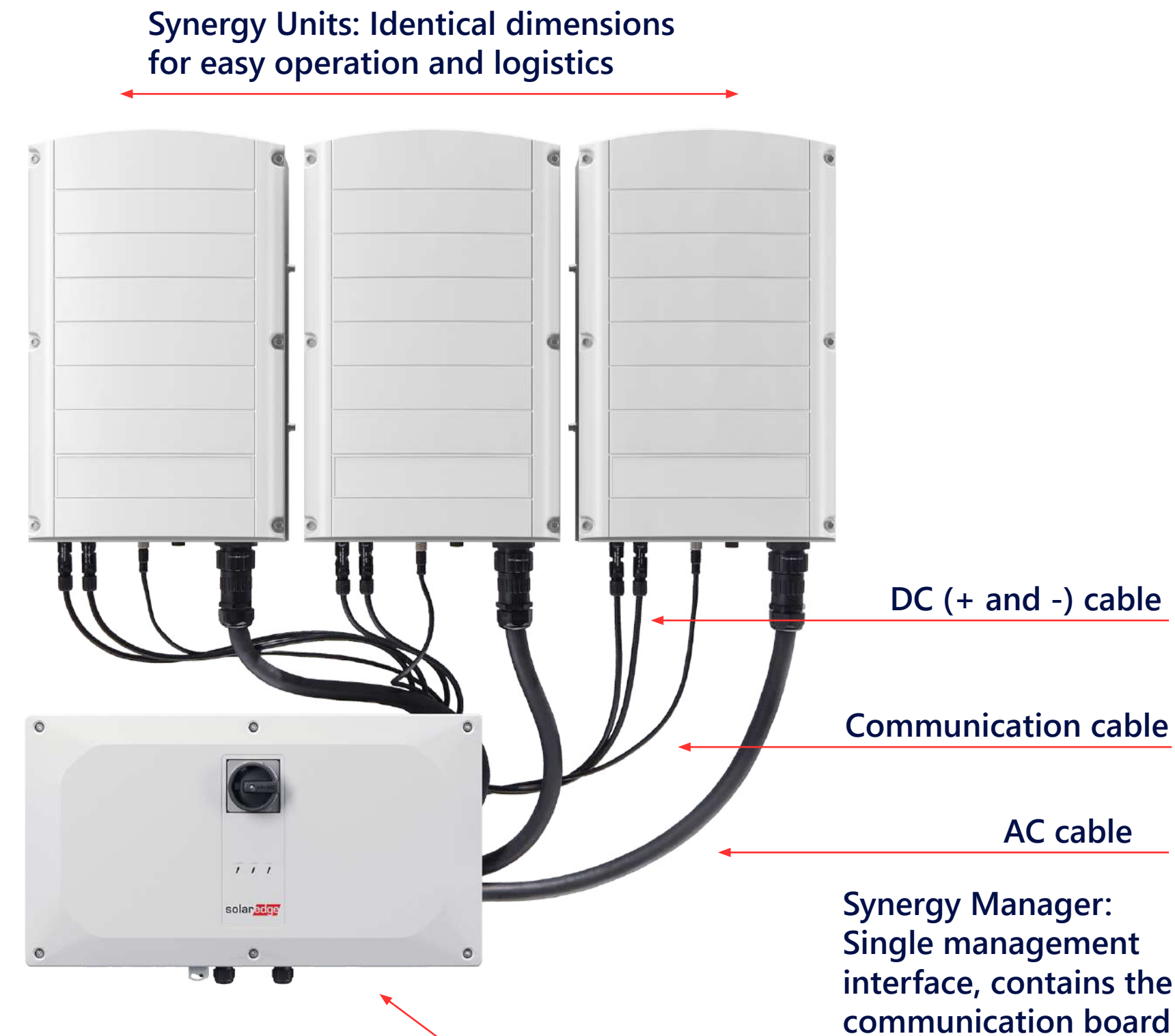
Modular Design

- Identical, lightweight inverter units
- Synergy Manager offers single point of serviceability – protected by a durable aluminum enclosure
- Synergy inverter units operate independently enabling higher system uptime
- Lightweight, 2-person install. Overall weight 250.8 lbs. Each Synergy unit: 70.4 lbs.; Synergy Manager: 39.6 lbs.

[SE50K Datasheet](#)

[SE80K, 100K, 120K Datasheet](#)

[SE120K Datasheet \(Ground Mount\)](#)



Robust Performance

- 175% DC oversizing for higher energy production
- Industry-leading 12-year warranty extendable to 20 or 25 years
- Automatically reduce voltage to safe levels during emergency shutdowns with built-in SafeDC™ and stay compliant with NEC rapid shutdown
- Enhanced safety with built-in temperature sensors on AC and DC terminal blocks
- Integrated nighttime PID rectifier
- Integrated RS485 and Type 2 AC and DC SPDs to better withstand electrical surges
 - Monitored and field-replaceable for DC/AC SPD only, with event alerts
- Built-in arc fault protection

BoS Savings

- Supports 3-wire connection and accommodates no-neutral or delta configurations
- Supports single DC input-combining and cost-effective aluminum cables
- Built-in module-level monitoring with Ethernet or cellular communication for full system visibility

Put Your Investment to Work

Greater returns are why our clients choose SolarEdge as their Commercial partner

Global Reach

SolarEdge (NASDAQ: SEDG) is a global leader in smart energy and the world's #1 solar inverter company in revenue. We have millions of systems installed in more than 133 countries, representing over 34.2GW of clean solar power. SolarEdge revolutionized sustainable energy with a ground-breaking intelligent inverter solution that decreases energy costs while maximizing energy production.

360° Support

From project design through commissioning and O&M, SolarEdge is here to help you grow your business. Our call centers, service fleet, and tools are available around the clock.

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Making a World of Difference

SolarEdge Monitoring Platform continuously tracks more than 2.75 million installations across the globe

4360
employees worldwide

424
awarded patents

Systems installed in
133 countries

425
additional patent applications

approx. **3.1GW**
of commercial systems shipped in 2021

Our Fields of Vision

for 480V and 208V grids



Large/Fortune 500



Retail/Warehouse/Data Centers



Community Solar/Ground Mount



Agriculture



Schools/Universities



Healthcare



Government/Military



Floating Systems



Big Box Stores