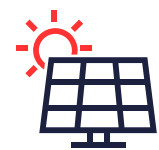


Commission with Confidence

Introducing our new commercial Three Phase Inverters with Synergy Technology for rooftop, ground mount and carport solutions, up to 100kW. Reduce time onsite with automatic system validation, before grid connection. Go bigger with 175% DC oversizing, keep costs low with modular design and provide confidence with robust safety features.

Get More with Synergy Inverters



Maximised Performance

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



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.



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.



Safe. Robust.

Robust design offers extra protection through thermal sensors on DC, AC terminal blocks and optional monitored/field replaceable Type 2 SPDs (Surge Protection Devices).

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, 66kW, 82.8kW and 100kW

Introducing Pre-Commissioning

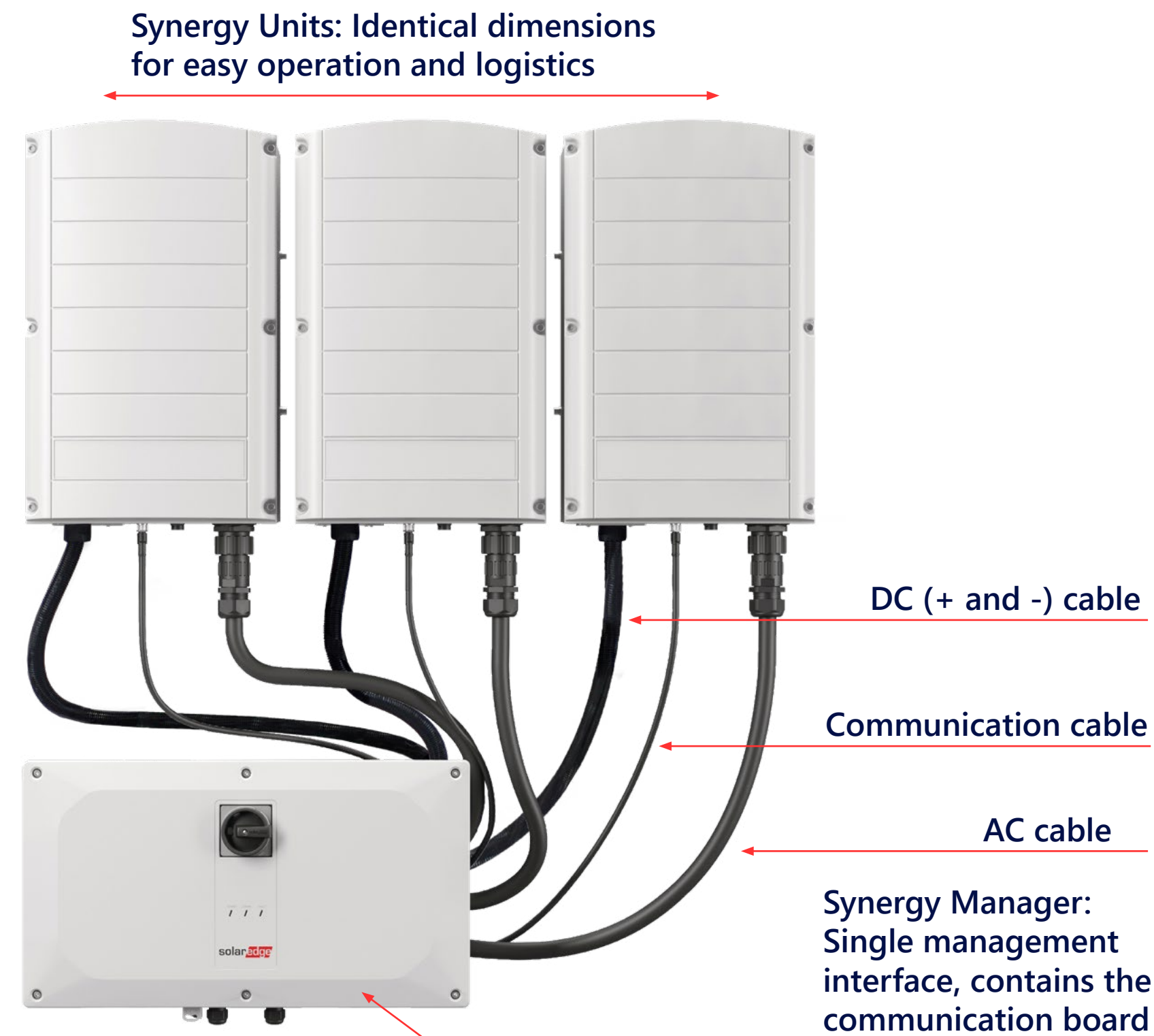
- Easy onsite system validation with full visibility of all components and wiring, using a handheld battery pack. Confirm everything is working correctly before leaving the site, well in advance of grid connection.

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: 114kg
Each Synergy unit: 32kg; Synergy Manager: 18kg

Technical Resources

- Three Phase Inverter with Synergy Technology Datasheet
- Commercial Power Optimiser Datasheet
- Quick Installation Guide



Robust Performance

- Up to 175% DC oversizing for higher energy production
- Industry-leading 12-year warranty extendable to 20 years
- Automatically reduce voltage to safe levels during emergency shutdowns with built-in SafeDC™
- Enhanced safety with built-in temperature sensors on AC and DC terminal blocks
- Integrated nighttime PID rectifier
- Integrated RS485 and optional 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. There are millions of SolarEdge systems installed in more than 133 countries, representing over 34.2GW of clean solar power. SolarEdge revolutionised sustainable energy with a ground-breaking intelligent inverter solution that decreases energy costs while maximising energy production.

360° Support

From project design through to commissioning and O&M, SolarEdge is here to help you grow your business. Our support centres, 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



Carports



Retail/Warehouse/Data Centers



Community Solar/Ground Mount



Agriculture



Schools/Universities



Healthcare



Government



Floating Systems



Big Box Stores