The Smart Energy Leaders

Global Expertise and Leadership

- #1 global PV inverter supplier ($ revenues, according to IHS, Q1, ’20), with installations in over 130 countries worldwide
- Strong and committed presence in over 25 countries, with smart energy expertise across local sales, service, marketing, and training teams
- A solar and renewable energy leader, with a relentless focus on providing innovative, integrated solutions
- Complete residential solution and support from a single vendor, including smart modules, single/three phase inverters, battery storage, smart energy products, EV charging, energy meters, and more

World-class Technology, from PV to Grid

- More energy production, with residential inverters reaching a record 99% efficiency
- Exceptional reliability, backed by long-term standard inverter warranty of 12 years, extendable to 25 years
- Peace of mind with market-leading safety, providing built-in arc detection and SafeDC™ for automatic module DC voltage shutdown when AC is off
- All system components designed to work together for full PV optimization, safety and monitoring, with no need for additional hardware
SolarEdge Advantages

Excellent Thermal Design

More power
- More energy with record-breaking 99% weighted efficiency for residential inverters

Less heat
- Superb heat dissipation resulting in minimal inverter clearance requirements

Longer warranties
- Standard inverter warranty of 12 years, with low cost extensions available up to 25 years

Complete Residential Offering

Simple, flexible, and future-proof
- System, product, and service, all from a single vendor
- Seamless integration of all system components
- Suitable for all rooftops, from just three modules to large, high power installations
- Supports easy upgrades to capabilities beyond just PV

Why Full Module-Level Optimization is a Must

- Substantially enhanced safety solution – SafeDC™, arc detection, optional automatic rapid shutdown
- Module-level monitoring to ensure system yield and reduced O&M costs
- Maximum design flexibility with support for multiple-orientation, uneven strings length, and longer string design
- Inherent mitigation against module mismatch and production optimization in changing shading situations
- 2% more energy in completely unshaded systems

Module mismatch sources

- Transportation damage
- Different tilt & orientation
- Thermal mismatch
- Partial shading
- Soiling
- Manufacturing tolerance