

Solaredge SE20K-RW00IBNM4

Product code: F.Solaredge.3F.wifi.00200.RW00IBNM4



SolarEdge SE20K inverter is a three-phase device characterized by high efficiency, designed for small and medium photovoltaic installations. Thanks to the fixed input voltage system, this SolarEdge inverter operates in the most efficient way, regardless of the number of solar panels and current weather conditions. The combination of innovative digital technology with premium-class reliability are the distinctive features of the SolarEdge inverter.

Product variants

Index	Price
Solaredge SE20K-RW00IBNM4 F.Solaredge.3F.wifi.00200.RW00IBNM4	Product prices only visible after login. If you do not have an account, please register.

Product description

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Advantages of the SolarEdge SE20K inverter:

Exceptional efficiency (98%)

Ready for use with energy storage

Compact and easy to install

Integrated module-level monitoring

Fast and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp

Internet connection via Ethernet or wirelessly

IP65 – outdoor or indoor installation

Longer strings thanks to the inverter's fixed voltage

Smart energy management

Advanced safety solution – integrated arc fault protection

Technical data of the SolarEdge SE20K-RW00IBNM4 inverter

Inverter type: Three-phase (string)

Nominal AC output power: 20,000 W

Maximum AC output power: 20,001 W

Maximum DC input voltage: 1,000 V

Maximum DC input current: 29 A

Number of MPPTs: 4

Maximum DC input power: 30,000 W

Efficiency: up to 98%

Protection rating: IP65 (dust and water resistant, for indoor and outdoor installation)

Dimensions (width × height × depth): 317 mm × 550 mm × 273 mm

Weight: 32 kg

Warranty: 12 years

Cooling: Natural convection

Cooling: Fan

Noise: < 55 dBA

Operating temperature range: from -40°C to +60°C

Certifications: IEC 62109, IEC 61727, IEC 61000-6-3, IEC 61000-6-2

Safety functions: Integrated arc fault protection (AFCI), Type II DC surge protection, ground fault detection, insulation monitoring

Connectivity: Ethernet (Wi-Fi optional)

Compatible with power optimizers: Yes (e.g., TS4)

SolarEdge is a global leader in smart energy technology. With world-class engineering expertise and a constant focus on innovation, the company creates intelligent energy solutions that power our lives and shape the future. Its smart inverter solution revolutionizes how energy is harvested and managed in photovoltaic systems, maximizing electricity

production and reducing costs. SolarEdge continues to develop smart energy by offering innovative solutions for photovoltaic installations, storage, electric vehicle charging, UPS systems, and grid services.