

Solaredge SE100K-RW00IBNQ

Product code: F.Solaredge.SE100K-RW00IBNQ4



Manufacturer	SOLAREEDGE
Inverter type	On-grid
Inverter phases	3
Ethernet	-

The SOLAREEDGE SE100K-RW00IBNQ4 is a high-efficiency three-phase inverter designed for commercial and industrial applications. Thanks to a special pre-commissioning process, the installation of the photovoltaic system is quick and hassle-free. It offers high efficiency at 98%, integrated module-level monitoring, and advanced safety solutions.

Product variants

Index	Price
Solaredge SE100K-RW00IBNQ F.Solaredge.SE100K-RW00IBNQ4	Product prices only visible after login. If you do not have an account, please register.

Product description

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Advantages of the SOLAREEDGE SE100K-RW00IBNQ4 inverter:

The pre-commissioning function automatically verifies system components and wiring during installation, even before connecting to the grid.

Installation is easy even for two people due to its lightweight, modular design. Each inverter contains 2 or 3

synergistic units and one management device for synergistic operation.
Independent operation of each synergistic unit extends reliable operational time and simplifies maintenance.
Built-in temperature sensors detect wiring failures, providing increased protection and safety.
Built-in protection against arc faults and optional rapid shutdown are available.
A built-in PID reduction function ensures maximum system performance.
An optional integrated DC emergency switch eliminates the need for external DC isolators.
Built-in module-level monitoring with Ethernet or cellular communication provides complete system visibility.
Technical specifications of the SOLAREEDGE SE100K-RW001BNQ4:

Manufacturer: SolarEdge

Grid type: Three-phase

Rated AC power: 100,000 W

AC output voltage - phase-phase / phase-neutral (range): 304 - 437 / 176 - 253; 320 - 460 / 184 - 264.5 Vac

Maximum continuous output current (per phase): 145 Adc

Maximum DC power (STC module) / synergistic unit: 180,000 / 60,000 W

Maximum output voltage: 1,000 Vdc

Nominal DC input voltage: 750 Vdc

Maximum input current: 3 x 48.25 Adc

Number of synergistic units per inverter: 3

Maximum efficiency: 98.3%

DC input inverter / synergistic unit: 12 / 4 pairs MC4

Supported communication interfaces: 2x RS485, Ethernet, Wi-Fi (optional), cellular network (optional)

Protection class: IP65 – for outdoor and indoor use

Cooling type: Fan (replaceable)

Dimensions of the synergy management device: 360 x 560 x 295 mm

Weight of the synergy management device: 18 kg.