

# Solaredge SE90K-RW00IBNM4

Product code: F.Solaredge.SE90K-RW00IBNM4



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

SOLAREEDGE SE90K-RW00IBNM4 is a high-performance 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 ensures high efficiency at 98%, integrated module monitoring, and advanced safety solutions.

## Product variants

Index	Price
<b>Solaredge SE90K-RW00IBNM4</b> F.Solaredge.SE90K-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 SOLAREEDGE SE90K-RW00IBNM4 inverter:

The pre-commissioning function automates the verification of system components and wiring during installation, 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 device for managing synergistic operations.  
Independent operation of each synergistic unit extends the time of reliable operation and facilitates maintenance.  
Built-in temperature sensors detect wiring failures, providing enhanced protection and safety.  
Integrated protection against the effects of arc faults and optional rapid shutdown are available.  
The built-in PID reduction feature ensures maximum system performance.  
An optional integrated DC emergency switch eliminates the need for external DC isolators.  
The integrated module-level monitoring function with communication via Ethernet or cellular network provides full system visibility.

Technical specifications of the SOLAREEDGE SE90K-RW00IBNM4:

Manufacturer: SolarEdge  
Network type: Three-phase  
Nominal AC power: 90,000 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): 130.5 Adc  
Maximum DC power (STC module) / synergistic unit: 100,000 / 50,000 W  
Maximum output voltage: 1000 Vdc  
Nominal DC input voltage: 750 Vdc  
Maximum input current: 3x 43.5 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 – suitable 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.