SolarEdge Home Wave Inverter
Three Phase Bundle, for Europe

2 x SE9K (SE18K-BUNDLE*)

12 – 25 YEAR WARRANTY*

* Functionality and warranty are contingent on both units sold in the bundle being installed at the same site and being connected to SolarEdge Monitoring.

High power three phase inverter bundle for residential installations

- Specifically designed to work with SolarEdge Power Optimizers

- Maximum Efficiency of 98%

- Battery-ready for SolarEdge energy storage solution**

- Advanced safety features with integrated arc fault protection

- Internet connection through Ethernet or Wireless (Wi-Fi or Cellular)

- Built-in module-level monitoring with full visibility of PV production, battery state, and self-consumption data

- IP65 for both outdoor and indoor installations

- Quick and easy commissioning directly from a smartphone using the SolarEdge SetApp

** Pending battery availability and firmware upgrade.

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2 x SE9K (SE18K-BUNDLE*)[1]

Applicable to inverters with part number	SE9K-RWZZZBEN4	Units
OUTPUT[2]		
Rated AC Power Output	9000	VA
Maximum AC Power Output	9000	VA
AC Output Voltage – Line to Line / Line to Neutral (Nominal)	380 / 220; 400 / 230	Vac
AC Output Voltage – Line to Neutral Range	184 – 264.5	Vac
AC Frequency	50/60 ± 5	Hz
Maximum Continuous Output Current (per Phase)	14.5	A
Grids Supported – Three Phase	3 / N / PE (WYE with Neutral)	
Utility Monitoring, Islanding Protection, Configurable Power Factor, Country Configurable Thresholds	Yes	
INPUT[2]		
Maximum DC Power (Module STC)	12150	W
Transformer-less, Ungrounded	Yes	
Maximum Input Voltage	900	Vdc
Nominal DC Input Voltage	750	Vdc
Maximum Input Current	15	Adc
Reverse-Polarity Protection	Yes	
Ground-Fault Isolation Detection	700kΩ Sensitivity	
Maximum Inverter Efficiency	98	%
European Weighted Efficiency	97.5	%
Nighttime Power Consumption	< 2.5	W
ADDITIONAL FEATURES		
Supported Communication Interfaces[3]	RS485, Ethernet, wireless SolarEdge Home Network (optional)[4], Wi-Fi (optional), Cellular (optional)	
Smart Energy Management	Export Limitation, Home Energy Management (Device Control)	
Inverter Commissioning	With the SetApp mobile application using built-in Wi-Fi access point for local connection	
Arc Fault Protection	Integrated, User Configurable (according to UL1699B)	
STANDARD COMPLIANCE		
Safety	IEC 62109-1/2	
Grid Connection Standards	VDE-AR-N 4105, Tor Erzeuger Typ A, EN 50549-1, CEI 0-21, G98 Type A, G98 NI Type A, RD1699 / RD413 / NTS, VDE-V 0126-1-1, VFR 2019, C10/11, EN 50438	
Electromagnetic Compatibility (EMC)	IEC 61000-6-2, IEC 61000-6-3, IEC 61000-3-11, IEC 61000-3-12, EN 55011	
RoHS	Yes	
INSTALLATION SPECIFICATIONS[2]		
AC Output	Cable gland – diameter 15 – 21	mm
DC Input	2 MC4 pairs	
Dimensions (H x W x D)[5]	540 x 315 x 191	mm
Weight	16.4	kg
Operating Temperature Range	-40 to +60[6]	°C
Cooling	Internal Fan	
Noise	< 40[7]	dBA
Protection Rating	IP65 – outdoor and indoor	
Mounting	Bracket provided	

* Functionality and warranty are contingent on both units sold in the bundle being installed at the same site and being connected to SolarEdge Monitoring.
(1) For lower power models refer to the SolarEdge Home Wave Inverter Three Phase for Europe SE3K-SE10K datasheet.
(2) These values are per inverter in the bundle.
(3) Refer to the Communication page on the SolarEdge website for specifications of optional communication options.
(4) For more information, refer to the SolarEdge Home Network datasheet.
(5) The horizontal spacing between the two inverter units mounted next to each other is 15cm for indoor installations, and 5cm for outdoor installations. For more information refer to the Clearance Guidelines for Mounting Three Phase Inverters application note.
(6) For power derating information refer to the Temperature Derating technical note.
(7) < 43 dBA for the bundle.

CE RoHS