

SolarEdge New Product Notification – SE7k, SE9k

SolarEdge is introducing two new 3-phase inverters, the SE7k and SE9k, which join the existing models: SE8k, SE10k and SE12.5k (previously SE12k).

New Product - Description

SolarEdge is adding new 3-phase inverters:

SE7k, with a rated AC power of 7000W

SE9k, with a rated AC power of 9000W

These products will be available in all geographies but North America and Korea.

Date of Change

The new products will be available in the following countries beginning July 15th 2011:

- Belgium
- Bulgaria
- Czech Republic
- Denmark
- France
- Germany
- Greece
- Israel
- Poland
- Singapore
- Slovakia
- Slovenia
- Spain
- Switzerland
- The Netherlands
- Turkey
- United Kingdom

The new products will be available in additional countries in the future. This document will be updated as countries are added; please refer to the latest version of this document for an up to date list. The document can be found on the SolarEdge website:

<http://www.solaredge.com/groups/inverter/three-phase-solar-inverter>

New Product Specification

The specifications of the SolarEdge three phase inverters can be found on page 2 of this document.

Please contact support@solaredge.com with any questions.

SolarEdge Technologies

US: 900 Golden Gate Terrace, Suite E, Grass Valley, CA 95945

Germany: Bretonischer Ring 18, 85630 Grasbrunn (Munich)

Japan: B-9 Ariake Frontier Building, 3-7-26 Ariake, Koto-Ku, Tokyo, 135-0063

Israel: 6 HeHarash St., P.O. Box 7349, Neve Ne'eman, Hod Hasharon 45240

SolarEdge Three Phase Inverter Specification

	SE7k *	SE8k	SE9k *	SE10k	SE12.5k	
OUTPUT						
Rated AC Power Output	7000	8000	9000	10000	12500	VA
Maximum AC Power Output	7000	8000	9000	10000	12500	VA
AC Output Voltage - Line to Line / Line to Neutral (Nominal)	380 / 220 ; 400 / 230					Vac
AC Output Voltage - Line to Neutral Range	184 - 265					Vac
AC Frequency	50/60 ± 5					Hz
Maximum Continuous Output Current (per Phase)	11.5	13.5	15.5	17.5	19.5	A
Residual Current Detector / Residual Current Step Detector	300 / 30					mA
Grids Supported - Three Phase	3 / N / PE ; 230 / 400					V
Utility Monitoring, Islanding Protection, Configurable Power Factor, Country Configurable Thresholds	Yes					
INPUT						
Recommended Maximum DC Power ** (Module STC)	7700	8800	9900	11000	13000	W
Transformerless, Ungrounded	Yes					
Maximum Input Voltage	950					Vdc
Nominal DC Input Voltage	750					Vdc
Maximum Input Current	14	15.5	20	18.5	22	Adc
Reverse-Polarity Protection	Yes					
Ground-Fault Isolation Detection	600kΩ Sensitivity					
Maximum Inverter Efficiency	98					%
European Weighted Efficiency	97.7	97.6	97.6	97.5	97.4	%
Nighttime Power Consumption	< 2.5					W
STANDARD COMPLIANCE						
Safety	IEC-62103 (EN50178), Draft IEC-62109					
Grid Connection Standards	VDE 0126-1-1, AS-4777, RD-1663, DK 5940					
Emissions	IEC61000-6-2, IEC61000-6-3, IEC61000-3-11, IEC61000-3-12, FCC part15 class B					
RoHS	Yes					
INSTALLATION SPECIFICATIONS						
AC Output	Cable Gland - diameter 13-18					mm
DC Input	MC4 compatible					
Dimensions (HxWxD)	540 x 315 x 260					mm
Weight	32					kg
Operating Temperature Range	-20 - +60					°C
Cooling	Fan (user replaceable)					
Protection Rating	IP65 - Outdoor and Indoor					
Bracket Mounted (Bracket Provided)						

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