

### New Inverter Specifications

	SE3000A-US	SE3800A-US	SE5000A-US	SE6000A-US	SE7000A-US	
<b>OUTPUT</b>						
Rated AC Power Output	3000	3800	5000	5200@208V 6000@240V 6000@277V	5200@208V 6000@240V 7000@277V	W
Max. AC Power Output	3000	3800	5000	5200@208V 6000@240V 6000@277V	5200@208V 6000@240V 7000@277V	W
AC Output Voltage Min.-Nom.-Max.	183 - 208 - 229 / 211 - 240 - 264			183 - 208 - 229 / 211 - 240-264 / 244- 277 - 294		Vac
AC Frequency Min.-Nom.-Max.	59.3 - 60 - 60.5					Hz
Max. Continuous Output Current @208V	14.5	18.5	24	25	25	A
Max. Continuous Output Current @240V	12.5	16	21	25	25	A
Max. Continuous Output Current @277V	-	-	18.5	22	25	A
GFDI	1					A
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes					
<b>INPUT</b>						
Recommended Max. DC Power * (STC)	3750	4750	6250	7500	8750	W
Transformer-less, Ungrounded	Yes					
Max. Input Voltage	500					Vdc
Nom. DC Input Voltage	325 @ 208V / 350 @ 240V / 400 @ 277V					Vdc
Max. Input Current	10	12.5	16	18	18.5	Adc
Reverse-Polarity Protection	Yes					
Ground-Fault Isolation Detection	600k $\Omega$ Sensitivity					
Maximum Inverter Efficiency	97.8	97.7	98.3	98.3	98.3	%
CEC Weighted Efficiency	97.5	97 @ 208V / 97.5@ 240V	97 @ 208V / 97.5@ 240V / 98 @ 277V			%
Nighttime Power Consumption	< 2.5					W
<b>ADDITIONAL FEATURES</b>						
Supported Communication Interfaces	RS485, RS232, Ethernet, Zigbee (optional)					
<b>STANDARD COMPLIANCE</b>						
Safety	UL1741, IEC-62103 (EN50178), IEC-62109					
Grid Connection Standards	VDE 0126-1-1, AS-4777, RD-1663 , DK 5940, IEEE1547					
Emissions	FCC part15 class B, IEC61000-6-2, IEC61000-6-3, IEC61000-3-11, IEC61000-3-12					
RoHS	Yes					
<b>INSTALLATION SPECIFICATIONS</b>						
AC Output	3/4" Conduit					
DC Input	3/4" Conduit					
Dimensions (HxWxD)	27.5 x 12.5 x 7 / 540 x 315 x 172	27.5 x 12.5 x 7.5 / 540 x 315 x 191				in / mm
Dimensions with AC/DC Switch (HxWxD)	30.5 x 12.5 x 7 / 775 x 315 x 172	30.5 x 12.5 x 7.5 / 775 x 315 x 191				in / mm
Weight	42 / 19	45 / 20.5				lb / kg
Weight with AC/DC Switch	48.5 / 22	52 / 23.5				lb / kg
Cooling	Natural Convection					
Min.-Max. Operating Temperature Range	-4 / -20 ; -40 / -40 to +120 / +60					'F / 'C
Protection Rating	NEMA 3R					

#### 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