



## SolarEdge Single Phase Inverters

SE2200H, SE3000H, SE3500H, SE3680H



INVERTERS

### Optimized installation with HD-Wave technology

- Record-breaking efficiency
- Extremely small, lightweight and easy to install
- High reliability without any electrolytic capacitors
- Built-in module-level monitoring
- Outdoor and indoor installation





# Single Phase Inverters

SE2200H, SE3000H, SE3500H, SE3680H

	SE2200H	SE3000H	SE3500H	SE3680H	
<b>OUTPUT</b>					
Rated AC Power Output	2200	3000	3500	3680	VA
Maximum AC Power Output	2200	3000	3500	4000	VA
AC Output Voltage (Nominal)	220 /230				Vac
AC Output Voltage Range	184 - 264.5				Vac
AC Frequency (Nominal)	50 / 60 ± 5				Hz
Maximum Continuous Output Current	10	14	16	16	A
Residual Current Detector / Residual Current Step Detector	300 / 30				mA
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes				
<b>INPUT</b>					
Maximum DC Power	3400	4650	5425	5700	W
Transformer-less, Ungrounded	Yes				
Maximum Input Voltage	480				Vdc
Nominal DC Input Voltage	380				Vdc
Maximum Input Current	8.5	11.5	13.5	15	Adc
Reverse-Polarity Protection	Yes				
Ground-Fault Isolation Detection	600kΩ Sensitivity				
Maximum Inverter Efficiency	99.2				%
European Weighted Efficiency	98.3		98.8		%
Nighttime Power Consumption	< 2.5				W
<b>ADDITIONAL FEATURES</b>					
Supported Communication Interfaces	RS485, Ethernet, ZigBee (optional), WiFi (optional), Cellular (Optional)				
<b>STANDARD COMPLIANCE<sup>(1)</sup></b>					
Safety	IEC-62109-1/2, AS-3100				
Grid Connection Standards	AS-4777, VDE-AR-N-4105, VDE 0126-1-1, UTE C15-712, G83/2, G59/3, CEI-021, EN 50438, IEC61727, IEC62116, ÖNORM, TF3.2.1, C10-11, NRS 097-2-1				
Emissions	IEC61000-6-2, IEC61000-6-3, IEC61000-3-11, IEC61000-3-12, FCC Part 15 Class B				
<b>INSTALLATION SPECIFICATIONS</b>					
AC Output - Supported Cable Diameter	9 - 16				mm
AC - Supported Wire Cross Section	1 - 16				mm <sup>2</sup>
DC Input	1 x MC4				
Dimensions (HxWxD)	280 x 370 x 142				mm
Weight	9.5				kg
Cooling	Natural Convection				
Operating Temperature Range	-20 to +60 <sup>(2)</sup> (-40°C option)				°C
Protection Rating	IP65 - Outdoor and Indoor				

<sup>(1)</sup> Certification pending  
<sup>(2)</sup> De-rating from 50°C



**RoHS**