



SolarEdge Single Phase Inverters

SE2200H, SE3000H, SE3500H, SE3680H



INVERTERS

Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- 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	
OUTPUT					
Rated AC Power Output	2200	3000	3500	3680	VA
Maximum AC Power Output	2200	3000	3500	3680	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 Protec- tion, Country Configurable Thresholds	Yes				
INPUT					
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	6.5	9	10	10.5	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
ADDITIONAL FEATURES					
Supported Communication Interfaces	RS485, Ethernet, ZigBee (optional), WiFi (optional), Cellular (optional)				
STANDARD COMPLIANCE					
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				
INSTALLATION SPECIFICATIONS					
AC Output - Supported Cable Diameter	9 - 16				mm
AC - Supported Wire Cross Section	1 - 16				mm ²
DC Input	1 x MC4				
Dimensions (H x W x D)	280 x 370 x 142				mm
Noise	< 25				dBA
Weight	9.5				kg
Cooling	Natural Convection				
Operating Temperature Range	-20 to +60 ⁽¹⁾ (-40°C option)				°C
Protection Rating	IP65 - Outdoor and Indoor				

⁽¹⁾ De-rating from 50°C



RoHS