



Single Phase Inverter

with HD-Wave Technology for Brazil

SE3680H, SE6000H, SE9200H



INVERTERS

Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- Record-breaking efficiency
- Extremely small, lightweight and easy to install
- Built-in module-level monitoring
- Outdoor and indoor installation
- Fixed voltage inverter for longer strings
- Smart Energy Management control
- Compatible with the StorEdge Interface for StorEdge™ applications
- Integrated DC Safety Unit - Eliminates the need for external DC isolators





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	SE3680H	SE6000H	SE9200H	
OUTPUT				
Rated AC Power Output	3680	6000	9200	VA
Maximum AC Power Output	3680	6000	9200	VA
AC Output Voltage (nominal)		220 / 230		Vac
AC Output Voltage Range		184 - 264.5		Vac
AC Frequency (nominal)		60 ± 5		Hz
Maximum Continuous Output Current	16	27.5	42	A
Utility Monitoring, Islanding Protection, Country Configurable Thresholds		Yes		
INPUT				
Maximum DC Power	5700	9300	14260	W
Transformer-less, Ungrounded		Yes		
Maximum Input Voltage		480		Vdc
Nominal DC Input Voltage		380	400	Vdc
Maximum Input Current	10	16.5	23.5	Adc
Reverse-Polarity Protection		Yes		
Ground-Fault Isolation Detection		600kΩ Sensitivity		
Maximum Inverter Efficiency	99		99.2	%
European Weighted Efficiency	98.6		98.8	%
Nighttime Power Consumption		< 2.5		W
ADDITIONAL FEATURES				
Supported Communication Interfaces	RS485, Ethernet, ZigBee (optional), WiFi (optional), Cellular (optional)			
Smart Energy Management	Export Limitation, Smart Energy, StorEdge applications			
STANDARD COMPLIANCE				
Safety	IEC62109, AS/NZS3100			
Grid Connection Standards	ABNT NBR 16149:2013, ABNT NBR 16150 :2013, ABNT NBR IEC 62116:2012, AS/NZ4777, VDE-AR-N-4105, VDE 0126-1-1, UTE_C_15-712, 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 gland	9-16			mm
AC TB cross section	1 - 13			mm
Dimensions (HxWxD)	280 X 370 X 142			mm
DC Input	1 x MC4 pair	2 x MC4 pairs	3 x MC4 pairs	
Weight	7.8	10.6	15.7	kg
Noise	< 25			dBA
Cooling	Natural Convection			
Operating Temperature Range	-20 to +60 ⁽¹⁾			°C
Protection Rating	IP65 - Outdoor and Indoor			

⁽¹⁾ For power de-rating information refer to: <https://www.solaredge.com/sites/default/files/se-temperature-derating-note.pdf>

CE RoHS