



## 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

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|  | 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 /<br>Residual Current Step Detector                | 300 / 30  |         |         |         | mA              |
| Utility Monitoring, Islanding Protection,<br>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<br>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<br>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**

