

## Residential Solutions

SolarEdge developed the DC optimised inverter solution by splitting the traditional inverter functionality into two. The power optimiser that maximises energy production for each module and a simplified inverter that is only responsible for DC - AC inversion and grid management.

The SolarEdge monitoring application enables PV installers and system owners to perform remote monitoring on the go using their mobile Android device, thus allowing them to constantly be updated on the latest data and be up to speed with their site's performance.



## Single Phase inverter with HD-Wave Technology

### Less weight, **more power**

SolarEdge's HD-Wave inverter technology is a novel power conversion topology that significantly decreases inverter size and weight while achieving record efficiency.

**HD**  
wave  
Technology



### Optimised installation with HD-Wave technology

- Specifically designed to work with power optimisers
- Record-breaking 99% efficiency
- Extremely small, lightweight and easy to install
- High reliability without any electrolytic capacitors

- 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

## Ordering Information

Product Code	Description
SE2200H-ZA000NNN2	Inverter 1Ø 2,2kW, HD-Wave (-20°C)
SE3000H-ZA000NNN2	Inverter 1Ø 3kW, HD-Wave (-20°C)
SE3500H-ZA000NNN2	Inverter 1Ø 3,5kW, HD-Wave (-20°C)
SE4000H-ZA000NNN2	Inverter 1Ø 4kW, HD-Wave (-20°C)
SE5000H-ZA000NNN2	Inverter 1Ø 5kW, HD-Wave (-20°C)
SE6000H-ZA000NNN2	Inverter 1Ø 6kW, HD-Wave (-20°C)



## StorEdge AC Coupled Single Phase Inverter with Wave-HD technology

### Upgrade existing PV systems to StorEdge™

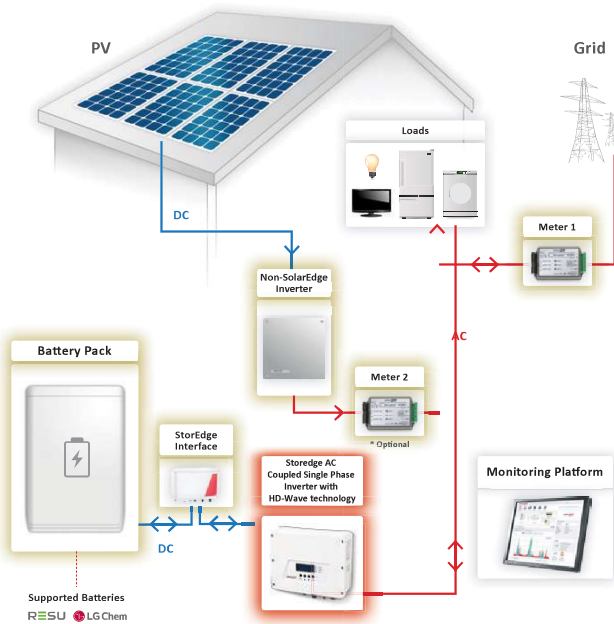
- All the benefits of the HD-Wave inverter: record-breaking efficiency, extremely small, lightweight and easy to install, and high reliability without any electrolytic capacitors
- Specially designed to work side by side with three-phase SolarEdge inverters and non-SolarEdge inverters
- Compatible with the SolarEdge StorEdge Interfaces and selected battery vendors such as the LG Chem RESU
- Monitor battery status, PV inverter production, and self-consumption data for full visibility
- IP65 – Outdoor and indoor installation
- No high voltage or current during installation, maintenance or firefighting for maximum safety
- The StorEdge™ AC Coupled Inverter does not work with power optimisers or as a standard solar PV inverter



### Ordering Information

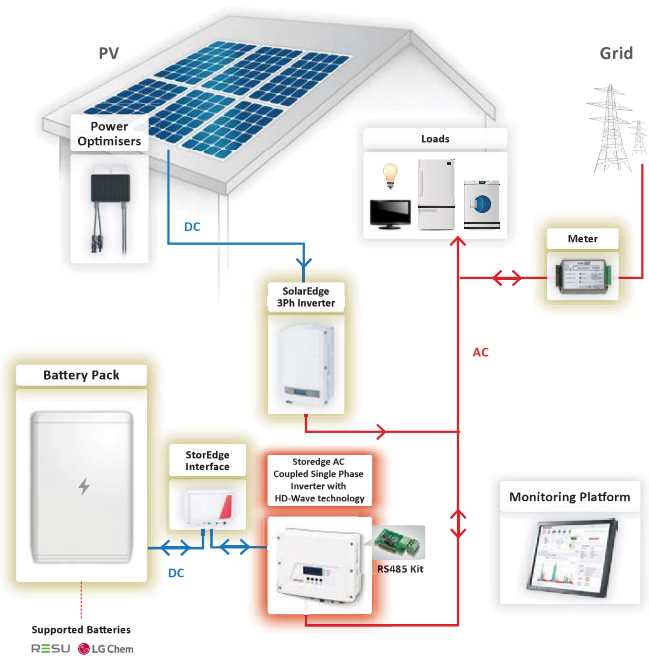
Product Code	Description
SE3680H-RWSACNNN2	HD-Wave 3.68kW StorEdge AC Coupled Inverter
SE5000H-RWSACNNN2	HD-Wave 5kW StorEdge AC Coupled Inverter

### StorEdge AC Coupled Single Phase Inverter with HD-Wave technology with Non-SolarEdge Inverter



\* Optional - needed for full system monitoring: consumption, self-consumption and inverter production

### StorEdge AC Coupled Single Phase Inverter with HD-Wave technology with Three Phase SolarEdge Inverter



Supported Batteries  
RESU LG Chem