



## Solarix Sinus

### 550 I, 550 RI, 900 I, 900 RI

The Solarix series of sine wave inverters has proved itself in over 10,000 applications. These devices have been used throughout the world. With its compact construction and optionally integrated solar charge controller, this 'plug & play' solution is easy to install. A switch on the front of the device enables the user to choose between automatic load detection mode, continuous operation or sleep mode, therefore considerably reducing the standby consumption. This is particularly important for stand-alone systems.

### Features

- Sine wave inverter with 550 W or 900 W
- Inverter with optional solar charge controller in one device
- High overload capabilities
- Optimum protection of the battery
- Automatic load detection in stand-by mode

### Protection functionality

- Battery deep discharge protection
- Battery over voltage shut down
- Over temperature and overload protection
- Short circuit protection
- Reverse polarity protection by internal fuse

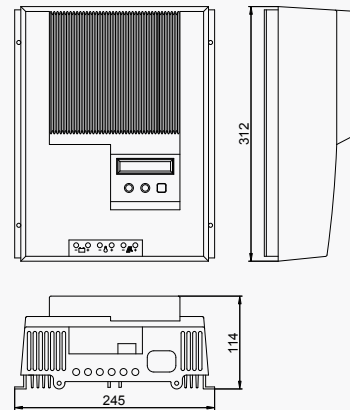
### Displays

- Operational status inverter by tricolour LED
- Optional charge regulator shows operational status by additional tricolour LED and 16-digit LCD display

### Options

- Types with 115 V / 60 Hz or 220 V / 60 Hz

### Technical data



Inverter Solarix Sinus	550 I / 550 RI*	550 I-L60 / 550 RI-L60*	900 I / 900 RI*	900 I-L60
Nominal input voltage	12 V		24 V	
Input voltage range	10.5 - 16 V		21 - 32 V	
Max. module short-circuit current*	25 A*			
Max. DC load current*	15 A*			
Output voltage	220 V~ +/-10 % (true sine wave)	115 V~ +/-10 % (true sine wave)	220 V~ +/-10 % (true sine wave)	115 V~ +/-10 % (true sine wave)
Output frequency	50 Hz +/-0.5 % optional 60 Hz	60 Hz +/-1 %	50 Hz +/-0.5 % optional 60 Hz	60 Hz +/-1 %
Continuous power	550 VA	500 VA	900 VA	900 VA
Max. efficiency	91.5 %	91 %	92 %	91.5 %
Own consumption	430 mA / 50 mA / 15 mA ( On / standby / Off )			
Connection DC / AC	integrated terminal block 16 mm <sup>2</sup> / standard AC plug + cable included			
Operating temperature	-15 °C to +45 °C			
Protection class	IP 20			
Weight	5.5 kg		7.5 kg	
Dimensions l x w x h	312 x 245 x 114 mm			

\* only by RI versions (with integrated solar charge regulator)

Technical data at 25 °C / 77 °F

### Power class

#### 550 - 900 W

