

Design and power encased

The SW sinewave inverter family is a new generation based on many years of our inverter development and design. Taking all the power range between 150W and 2000W the SW inverters offer great reliability and durability combined with attractive design. The circuit board of the units is assembled by modern SMD technology that is built in an appealing anodized aluminium housing.

True sinusoidal output waveform

In order to run ANY type of electronic equipment from an inverter, you will need a high-quality sine-wave inverter. We guarantee that our inverters possess a stable sinusoidal output, which is necessary for many sensitive appliances and recommended for others.

Overload tolerance with heavy loads

The SW inverters possess increased capability of starting difficult inductive loads (e.g. motors).

Extensive protections against unintentional damage by user

When permanently overloaded, the SW inverters switch off automatically and wait until overload condition ceases, then it restarts automatically (no manual resetting necessary). Its electronic protection system survives even short circuit at the output after which the unit remains intact and fully operational. The SW inverter units are also protected against reverse polarity connection to the batteries.

"E" Mark
The automotive ensure that the interference from aftermarket etc must be



certified

EMC electromagnetic compatibility directive 95/54/EC was introduced to driver's direct control of a vehicle is not affected by electromagnetic installed electronic and electrical equipment. Since October 2002 all electrical and electronic equipment including radios, light bars, sirens, videos compliant with the directive and "e" marked accordingly.

Technical Data

	SW-150-12V	SW-150-24V	SW-300-12V	SW-300-24V	SW-600-12V	SW-600-24V
Input voltage DC	12V	24V	12V	24V	12V	24V
Input voltage range	11-15V	22-30V	11-15V	22-30V	11-15V	22-30V
Max. input current	18A	9A	35A	18A	70A	35A
Battery low voltage – advance warning	11,5V	23V	11,5V	23V	11,5V	23V
Inverter disconnect at low battery	10,5V	21V	10,5V	21V	10,5V	21V
Inverter reconnect at recharged battery	12,5V	25V	12,5V	25V	12,5V	25V
Standby current consumption (no load)	2,4VA	3,6VA	3,6VA	4,8VA	4,2VA	6VA
DC fuse protection	1 x 20A	1 X 15A	1 X 40A	1 X 20A	2 X 40A	2 X 20A
Continuous output power rating	150VA	150VA	300VA	300VA	600VA	600VA
Peak output power rating	300VA	300VA	600VA	600VA	1200VA	1200VA
Output voltage AC	225V	225V	225V	225V	225V	225V
Frequency (+/-1%) at 12V/24V DC IN	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Max. output current (continuous/peak)	0,7/1,5 A _{eff}	0,7/1,5 A _{eff}	1,4/3 A _{eff}	1,4/3 A _{eff}	2,8/5,6 A _{eff}	2,8/5,6 A _{eff}
Efficiency	above 88%	above 88%	above 88%	above 88%	above 88%	above 88%
Connection to battery	cigarette lighter	cigarette lighter	pole terminal	pole terminal	pole terminal	pole terminal
Output power outlet type	1 x Schuko	1 x Schuko	1 x Schuko 1 x Euro	1 x Schuko 1 x Euro	1 x Schuko 1 x Euro	1 x Schuko 1 x Euro
Fan cooling	no	no	no	no	yes	yes
Can be operated by remote control	no	no	yes	yes	yes	yes
Dimensions (mm)	120x245x70	120x245x70	240x245x70	240x245x70	340x245x70	340x245x70
Weight	1,3 kg	1,3 kg	2,7 kg	2,7 kg	3,5 kg	3,5kg
"E" Mark reg. number	e1 024372					

Subject to alteration without notice

	SW-1200-12V	SW-1200-24V	SW-2000-12V	SW-2000-24V
Input voltage DC	12V	24V	12V	24V
Input voltage range	11-15V	22-30V	11-15V	22-30V
Max. input current	140A	70A	220A	110A
Battery low voltage – advance warning	11,5V	23V	11,5V	23V
Inverter disconnect at low battery	10,5V	21V	10,5V	21V
Inverter reconnect at recharged battery	12,5V	25V	12,5V	25V
Standby current consumption (no load)	10,8VA	12VA	18VA	21,6VA
DC fuse protection	4 x 40A	4 x 20A	8 x 40A	8 x 20A
Continuous output power rating	1200VA	1200VA	2000VA	2000VA
Peak output power rating	1800VA	1800VA	3000VA	3000VA
Output voltage AC	225V	225V	225V	225V
Frequency (+/-1%) at 12V/24V DC IN	50 Hz	50 Hz	50 Hz	50 Hz
Max. output current (continuous/peak)	5,6/11,2 A _{eff}	5,6/11,2 A _{eff}	9,3/18,6 A _{eff}	9,3/18,6 A _{eff}
Efficiency	above 88%	above 88%	above 88%	above 88%
Connection to battery	pole terminal	pole terminal	pole terminal	pole terminal
Output power outlet type	1 x Schuko 1 x Euro	1 x Schuko 1 x Euro	1 x Schuko 1 x Euro	1 x Schuko 1 x Euro
Fan cooling	yes	yes	yes	yes
Can be operated by remote control	yes	yes	yes	yes
Dimensions (mm)	390x245x70	390x245x70	455x245x70	455x245x70
Weight	4,5 kg	4,5 kg	5,2 kg	5,2 kg
"E" Mark reg. number	e1 024372			

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