

# DOMETIC SinePower DSP1212C



## Product description:

DOMETIC SINEPOWER DSP1224C Pure wave inverter

DOMETIC SINEPOWER DSP1224C is an inverter designed to transform 24 V energy supply from battery to 230 V AC to real sine wave, this device ensures trouble-free operation of appliances with up to 1200 W from the vehicle battery. The new Smart Standby mode saves energy when the device is not in use. Once connected the unit charges the battery with up to 50 A, without exceeding the mains current.

DOMETIC DSP mains support

DOMETIC SINEPOWER DSP1224C mobilizes extra current to compensate for high starting currents and unstable mains energy supply.

DOMETIC DSP generator function

DOMETIC SINEPOWER DSP1224C guarantees no current interruptions even if the external source fails.

DOMETIC SINEPOWER DSP1224C smart charger

The inverter charge is adapted to the current limitation of the battery and the energy consumption on board.

Intelligent Inverter

The Dometic DSP inverter continuously monitors the incoming mains current and responds to each situation according to your specific configuration. DOMETIC SINEPOWER DSP1224C can support the limited power capacity of external power sources with battery power. If the external energy source fails completely, the DOMETIC SINEPOWER DSP1224C inverter automatically activates to provide the connected appliances with a clean 230 V AC voltage. The generator functionality can be customized or completely deactivated to prevent the battery from discharging unintentionally. If the mains current is sufficient, the vehicle battery is charged taking into account the current limiter settings and the level of 230 V power consumption on board. All of these

features of the DOMETIC SINEPOWER DSP1224C inverter can be configured separately to ensure maximum independence and, at the same time, select the best possible power source inside the vehicle.

#### Complete power solution

DOMETIC SINEPOWER DSP1224C monitors the energy supply from the mains and responds according to the situation, integrating the external voltage or, if not necessary, charging the vehicle battery. If the external power source fails completely, the inverter automatically activates and powers the appliances connected to 230 V AC real sine wave. With a maximum current intensity of 1200 W, it guarantees trouble-free operation of coffee machines, microwave ovens and more. Maximum flexibility and configurability.

#### R DSP1224C Inverter Specifications

Input Voltage: 24V

Output voltage: 230 V

Wave type: pure sine wave

Output frequency: 50 Hz

Battery Type: Lead, AGM, Gel

Absorbed current - Zero load: 1.5 A

Current consumption - Standby mode: 100 mA

Energy efficiency: 88 %

Continuous power at 25 °C: 1200.00 W

Min. operating temperature: -20.00 °C

Max working temperature: 60.00 °C

Length: 405 mm

Width: 284 mm

Height: 118 mm

Dry weight: 5.6 Kg

If you are looking for other inverters such as the DOMETIC SinePower DSP1224C then you can consult our extensive catalogue.

Image and technical data are not binding.

#### Product features:

Frequency (Hz): 50

Output voltage (V): 230

Length (mm): 405

Width (mm): 284

Height (mm): 118

Input voltage (V): 24

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Kind of wave: Pure Sinusoidal  
Continuous power (W): 1200  
Weight (Kg): 5,60