

DOMETIC SinePower DSP1212C

Reference: 9600002559



DOMETIC SinePower DSP1212C Pure wave inverter

DOMETIC SinePower DSP1212C is an inverter designed to convert 12 V power supply from battery to 230 V AC to real sine wave, this device ensures trouble-free operation of household 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 to AC power, this handy unit recharges the battery with a maximum of 50 A, without exceeding the mains current.

DOMETIC SinePower DSP1212C mains support

DOMETIC SinePower DSP1212C mobilises extra energy to compensate for high start-up currents and unstable mains supply.

Generator function of the DOMETIC SinePower DSP1212C

DOMETIC SinePower DSP1212C guarantees no power outages even if the external source fails.

DOMETIC SinePower DSP1212C smart battery charger

The charging of the DOMETIC SinePower DSP1212C is adapted to the current limitation of the battery and the power consumption on board.

Mains power support and smart battery charger in one solution

This intelligent combination of premium pure sine wave inverter and automatic battery charger allows you to always have sufficient power on board to operate your appliances and recharge your batteries. The Dometic DSP-C continuously monitors the incoming mains current and responds to each situation according to the user's specific configuration. DOMETIC SinePower DSP1212C can support the limited energy capacity of external energy sources with battery power. If the external energy source fails completely, the DOMETIC SinePower DSP1212C's inverter automatically activates to supply the connected appliances with a clean 230 V AC voltage. The generator functionality can be customised or completely deactivated to prevent the battery from discharging unintentionally. If the mains supply 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 these features of the DOMETIC SinePower DSP1212C can be configured separately to give you maximum independence and, at the same time, select the best possible power source in the vehicle.

Complete power supply solution

DOMETIC SinePower DSP1212C offers maximum independence in terms of power supply. The DOMETIC SinePower DSP1212C's intelligent combination of inverter and automatic battery charger monitors the power supply from the mains and responds according to the situation, integrating the external power supply or, if not necessary, charging the vehicle battery. If the external power source fails completely, the inverter automatically activates and supplies the appliances connected to the DOMETIC SinePower DSP1212C with real sine wave 230 V AC. With a maximum current intensity of 1200 W, it guarantees trouble-free operation of coffee machines, microwave ovens and more. The DOMETIC SinePower DSP1212C's Smart Standby mode saves energy when power is not required. Maximum flexibility and configurability.

Technical features DOMETIC SinePower DSP1212C Inverters

Input voltage: 12 V

Output voltage: 230 V
Wave type: pure sine wave
Output frequency: 50 Hz
Battery type: Lead, AGM, Gel
Absorbed current - No load: 3 A
Current consumption - Standby mode: 200 mA
Energy efficiency: 78.8 %
Continuous power at 25 °C: 1200.00 W
Min. operating temperature: -20.00 °C
Max. operating 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 DSP1212C then you can consult our extensive catalogue.

Image and technical data are not binding.

Technical Sheet

Frequency (Hz)	50
Output voltage (V)	230
Length (mm)	405
Width (mm)	284
Height (mm)	118
Dry weight (Kg)	5.6
Input voltage (V)	12
Kind of wave	Pure Sinusoidal
Continuous power (W)	1200