

SINEPOWER DSP / DSP-T **PURE SINE WAVE VOLTAGE –** **CONVENIENT AND SAFE**

The new sine wave inverters in the SinePower DSP and DSP-T series generate a pure sine wave voltage, which is perfect even for sensitive 230-volt devices. Due to their large input voltage range, they are also fine for modern EURO 6 vehicles with smart alternators. In case of overload, overheating, over- or under-voltage, the clever inverters switch off automatically – and on again when everything's okay again. The integrated fan smoothly adjusts to the load and temperature conditions, which makes it pleasantly quiet.

The premium inverters in the SinePower DSP-T series offer two extra benefits: a mains priority circuit with voltage synchronisation and an energy-saving Smart Standby Mode.



NEW
inverter
generation!



PURE SINE WAVE VOLTAGE –
FINE FOR SENSITIVE DEVICES

IDEAL FOR EURO 6 VEHICLES
WITH SMART ALTERNATORS

ENERGY-SAVING STANDBY MODE
(MODELS FROM 600 WATTS)

PERFECTPOWER VERSUS SINEPOWER MODIFIED OR PURE SINE WAVE VOLTAGE

PerfectPower and SinePower inverters have one thing in common: They turn 12 or 24 V DC from the vehicle battery into 230 V AC. The difference is in the quality of the output voltage. PerfectPower inverters generate a modified sine wave voltage, which is fully adequate for robust devices like filter coffee machines, toasters, or vacuum cleaners. Sensitive electronic devices require a pure sine wave voltage. So, if you want to run your laptop or espresso machine on the move, opt for a SinePower inverter!



OUR TIP

SinePower DSP-T inverters with mains priority circuit and voltage synchronisation. Combined with our new comfort remote control, SinePower DSP-EM, these premium inverters give you the ultimate convenience and independence.

Pure sine wave voltage

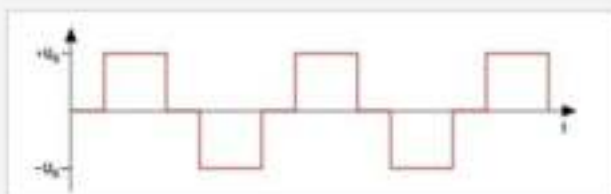
A clean sine wave voltage, like that from a home power socket. Ideal for electric toothbrushes, laptops, DVD players, espresso machines and other sensitive devices.

• Dometic SinePower DSP/DSP-T (p. 197 – 200)

Modified sine wave voltage

An output voltage with a stepped curve simulating a sine wave. Fine for less sensitive devices like filter coffee machines, reading lamps, toasters, vacuum cleaners.

• Dometic PerfectPower (p. 194 – 195)



DOMETIC SINEPOWER DSP 212 / DSP 224

Sine wave inverter

- Compact, portable, inexpensive
- Continuous output: 150 watts
- Peak output: 300 watts

DSP 212 / 12 V

Ref. No. 9600002603 / UK 9600003593

DSP 224 / 24 V

Ref. No. 9600002540 / UK 9600003594



DOMETIC SINEPOWER DSP 412 / DSP 424

Sine wave inverter

- Compact, portable, inexpensive
- Continuous output: 350 watts
- Peak output: 700 watts

DSP 412 / 12 V

Ref. No. 9600002541 / UK 9600003595

DSP 424 / 24 V

Ref. No. 9600002542 / UK 9600003596



POWER & CONTROL

ENERGY / SINE WAVE INVERTERS



DOMETIC SINEPOWER DSP 612 / DSP 624

Sine wave inverter

- Designed for permanent installation
- Continuous output: 600 watts
- Peak output: 1200 watts
- Energy-saving standby mode
- Remote control included

DSP 612 / 12 V

Ref. No. 9600002543 / UK 9600003597

DSP 624 / 24 V

Ref. No. 9600002544 / UK 9600003598



DOMETIC SINEPOWER DSP 1012 / DSP 1024

Sine wave inverter

- Designed for permanent installation
- Continuous output: 1000 watts
- Peak output: 2000 watts
- Energy-saving standby mode
- Remote control included

DSP 1012 / 12 V

Ref. No. 9600002545 / UK 9600003599

DSP 1024 / 24 V

Ref. No. 9600002546 / UK 9600003600



DOMETIC SINEPOWER DSP 1512 / DSP 1524

Sine wave inverter

- Designed for permanent installation
- Continuous output: 1500 watts
- Peak output: 3000 watts
- Energy-saving standby mode
- Remote control included

DSP 1512 / 12 V

Ref. No. 9600002547 / UK 9600003601

DSP 1524 / 24 V

Ref. No. 9600002548 / UK 9600003602



DOMETIC SINEPOWER DSP 2012 / DSP 2024

Sine wave inverter

- Designed for permanent installation
- Continuous output: 2000 watts
- Peak output: 4000 watts
- Energy-saving standby mode
- Remote control included

DSP 2012 / 12 V

Ref. No. 9600002549 / UK 9600003603

DSP 2024 / 24 V

Ref. No. 9600002550 / UK 9600003604



REMOTE CONTROL FOR DSP SINE WAVE INVERTERS

Designed for convenient operation of Dometic SinePower DSP sine wave inverters, this elegant remote control supports all important basic functions (ON, OFF, Standby). It is included as standard with all DSP models with a power rating of 600 watts or higher.

POWER & CONTROL

ENERGY / SINE WAVE INVERTERS



DOMETIC SINEPOWER DSP 1312T / DSP 1324T

Sine wave inverter

- Continuous output: 1300 watts
- Peak output: 2400 watts

DSP 1312T / 12 V /

Ref. No. 9600002551 / UK 9600005002

DSP 1324T / 24 V /

Ref. No. 9600002552 / UK 9600005003



DOMETIC SINEPOWER DSP 1812T / DSP 1824T

Sine wave inverter

- Continuous output: 1800 watts
- Peak output: 3200 watts

DSP 1812T / 12 V /

Ref. No. 9600002553 / UK 9600005004

DSP 1824T / 24 V /

Ref. No. 9600002554 / UK 9600005005



DOMETIC SINEPOWER DSP 2312T / DSP 2324T

Sine wave inverter

- Continuous output: 2300 watts
- Peak output: 4000 watts

DSP 2312T / 12 V /

Ref. No. 9600002555 / UK 9600005006

DSP 2324T / 24 V /

Ref. No. 9600002556 / UK 9600005007



DOMETIC SINEPOWER DSP 3512T / DSP 3524T

Sine wave inverter

- Continuous output: 3500 watts
- Peak output: 6000 watts

DSP 3512T / 12 V /

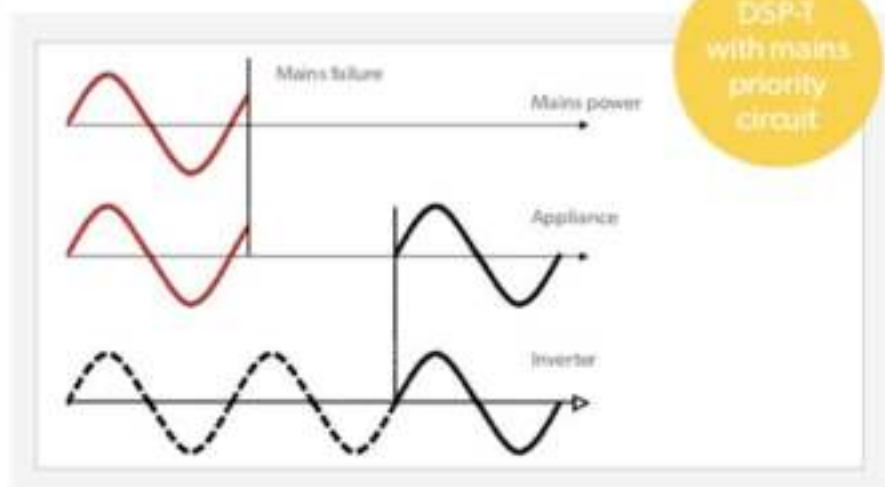
Ref. No. 9600002557 / UK 9600005008

DSP 3524T / 24 V /

Ref. No. 9600002558 / UK 9600005009

MAINS PRIORITY CIRCUIT WITH VOLTAGE SYNCHRONISATION

This automatically gives priority to mains power as soon as it is available, it is integrated as standard in all SinePower DSP-T series sine wave inverters. The reason behind is that many 230-volt devices require an uninterrupted power supply. Moreover, it is vital to ensure a "smooth" voltage switchover. This is exactly what SinePower DSP-T sine wave inverters provide. In these units, the inverter voltage is synchronised to match the mains voltage, and the switchover takes place in a fraction of a second.



TECHNICAL DATA				
SINE WAVE INVERTERS	DSP 212 / DSP 224	DSP 412 / DSP 424	DSP 612 / DSP 624	DSP 1012 / DSP 1024
Ref. No.	9600002603 / 9600002540	9600002541 / 9600002542	9600002543 / 9600002544	9600002545 / 9600002546
Ref. No. UK	9600003593 / 9600003594	9600003595 / 9600003596	9600003597 / 9600003598	9600003599 / 9600003600
Input voltage (V DC)	12 (10 – 16,5 V) / 24 (20 – 33 V)			
Output voltage (V AC) / shape	230 / pure sine wave 			
Output frequency (Hz)	50	50	50	50
No-load current input (A)	0.6 / 0.4	0.6 / 0.4	1.1 / 0.6	1.1 / 0.6
Standby current consumption (A)	-	-	0.3 / 0.2	0.35 / 0.2
Continuous output (W)	150	350	600	1000
Peak power (W)	300	700	1200	2000
Energy efficiency up to (%)	90	90	90	90
Dimensions (W x H x D, mm)	127 x 52 x 210	127 x 52 x 210	230 x 80 x 262	230 x 80 x 282
Weight (kg, approx.)	1,1	1,2	2,8	3,1
Integrated mains priority circuit with voltage synchronisation	-	-	-	-
Test mark	e-certified (Automotive EMC Directive)			
Type of protection	equivalent to IP 21			
/ Optional extras				
DC connection cable	Scope of delivery	Scope of delivery	9600000268	9600000268
Standard remote control DSP-RCT	-	-	Scope of delivery	Scope of delivery
Convenience remote control DSP-EM	-	-	-	-
Mains priority circuit VS-230	-	-	9600000324	9600000324

					
DSP 1512 / DSP 1524	DSP 2012 / DSP 2024	DSP 1312T / DSP 1324T	DSP 1812T / DSP 1824T	DSP 2312T / DSP 2324T	DSP 3512T / DSP 3524T
9600002547 / 9600002548	9600002549 / 9600002550	9600002551 / 9600002552	9600002553 / 9600002554	9600002555 / 9600002556	9600002557 / 9600002558
9600003601 / 9600003602	9600003603 / 9600003604	9600005002 / 9600005003	9600005004 / 9600005005	9600005006 / 9600005007	9600005008 / 9600005009
12 (10 – 16,5 V) / 24 (20 – 33 V)		12 (10,5 – 16 V) 24 (21 – 32 V)			
230 / pure sine wave 					
50	50	50 / 60	50 / 60	50 / 60	50 / 60
1.5 / 0.8	1.8 / 0.9	2.5 / 1.3	2.5 / 1.3	2.8 / 1.4	3.6 / 1.8
0.4 / 0.25	0.5 / 0.3	0.2 / 0.1	0.2 / 0.1	0.2 / 0.15	0.2 / 0.15
1500	2000	1300*	1800*	2300*	3500*
3000	4000	2400	3200	4000	6000
90	90	90	92	92	92
272 x 97 x 382	272 x 97 x 402	284 x 118 x 405	284 x 118 x 405	284 x 118 x 481	283 x 128.4 x 496
4.9	5.2	4.8	6.1	6.6	10.9
-	-	•	•	•	•
e-certified (Automotive EMC Directive)					
equivalent to IP 21					
12 V: 9102700003 24 V: 9600000268	12 V: 9600000269 24 V: 9600000268	9600000268	12 V: 9102700003 24 V: 9600000268	12 V: 9600000269 24 V: 9600000268	12 V: on request 24 V: 9600000268
Scope of delivery	Scope of delivery	9600002564	9600002564	9600002564	9600002564
-	-	9600002565	9600002565	9600002565	9600002565
9600000324	9600000324	-	-	-	-

* 10 minutes continuous power, unlimited permanent power: 50 % peak power