

/ CHARGERS
/ INVERTERS
/ CONVERTERS & MAINS ADAPTERS
/ LITHIUM BATTERY

POWER & CONTROL





STAY CONNECTED

SMART ACCESSORIES FOR RELIABLE POWER SUPPLY – ANYTIME, ANYWHERE

You're in a remote location, at least an hour's cruise from the nearest power source. You need power to run your appliances. No problem. We provide a complete range of solutions to keep you connected and in control. Enjoy your cruise with all the comforts of home. Mobile energy systems from Dometic guarantee a perfect power supply on board.

Lightweight and compact battery chargers keep the batteries in good condition. Sine wave inverters deliver 230 volts AC power for your comfort appliances. The models in our new inverter generation give you unprecedented comfort and independence.



1. BATTERY CHARGERS

Dometic offers all kinds of battery chargers. The mobile MPC is perfect for charging and maintaining your engine starter battery, whereas the fixed installed MCA chargers charge and maintain also bigger auxilliary batteries in a gentle and fast way.

2. BATTERY INVERTERS

A range of sine wave inverters – ideal for sensitive 230-volt devices. Well proven inverter models generating a modified sine wave voltage, which is fine for many standard applications.

3. CONVERTERS AND MAINS ADAPTORS

Dometic help ensure that no matter your location or power source, you're always charged and ready to go. Our range of Converters and Mains Adaptors meet your every need.

4. LITHIUM BATTERY

An energy storage medium far superior to commonly used lead-acid or lead-gel batteries: a portable "power pack" for your 12 V devices. Lighter, stronger and much faster to recharge!

MOBILE 12-VOLT BATTERY CHARGERS

Speed and accuracy are the hallmarks of the 12-volt premium chargers in the Dometic PerfectCharge MCP series. Designed for convenient one-button operation, they feature a controlled microprocessor, 8-step charging curve that even gives all kinds of lead acid batteries the optimal maintenance and charge. A practical wall cradle holding the charger, the cables and up to four battery indicators keeps the compact gadgets ready to hand. The delivery kit also includes a 12-volt cable which can be used to recharge flagging batteries from the cigarette lighter socket.



DOMETIC PERFECTCHARGE MCP 1204

Battery charger, 4 A, 12 V

- Suitable for start-stop batteries – microprocessor controlled, 8-step charging technology
- Automatically adapts to the battery’s charging condition
- Simple one-button operation

Ref. No: 9600000026



DOMETIC PERFECTCHARGE MCP 1207

Battery charger, 7 A, 12 V

- Suitable for start-stop batteries – microprocessor controlled, 8-step charging technology
- Automatically adapts to the battery’s charging condition
- Simple one-button operation

Ref. No: 9600000027

MCP SERIES ACCESSORIES



DOMETIC PERFECTCHARGE IU 812

IU0U charger for 12 V wet, gel and AGM batteries, for batteries up to 100 Ah

- Fast and gentle charging despite mains fluctuations
- Can also be used as a mains supply unit
- Prevents battery overcharging
- Suitable for many types of batteries – wet, gel and AGM

Ref. No: 9600000094



DOMETIC PERFECTCHARGE BI 01

Indispensable for a quick battery check: the compact battery indicator Dometic PerfectCharge BI 01 is also designed for one-button operation. It has a dedicated input for the Dometic battery chargers MCP 1204 and MCP 1207. Four LEDs indicate the charging condition of the connected lead acid battery in 25 % steps. The indicator can be permanently fitted in the boat or used as a mobile tool.

- Specially designed for Dometic PerfectCharge MCP series chargers
- Simple one-button operation
- Also suitable as a mobile tool – e.g. to check the batteries of seasonal boats

Ref. No: 9600000094

DOMETIC MPC 01 INTELLIGENT BATTERY MANAGEMENT SYSTEM

How’s the charge state of the battery going? The battery controller from Dometic can provide an exact analysis at any time. Voltage, current and temperature are identified by a battery sensor. The system calculates the available and dischargeable capacity as well as the charge status, and displays the remaining charging or discharging time. All values are shown on the easy-to-read, self-explanatory display.



DOMETIC MPC 01

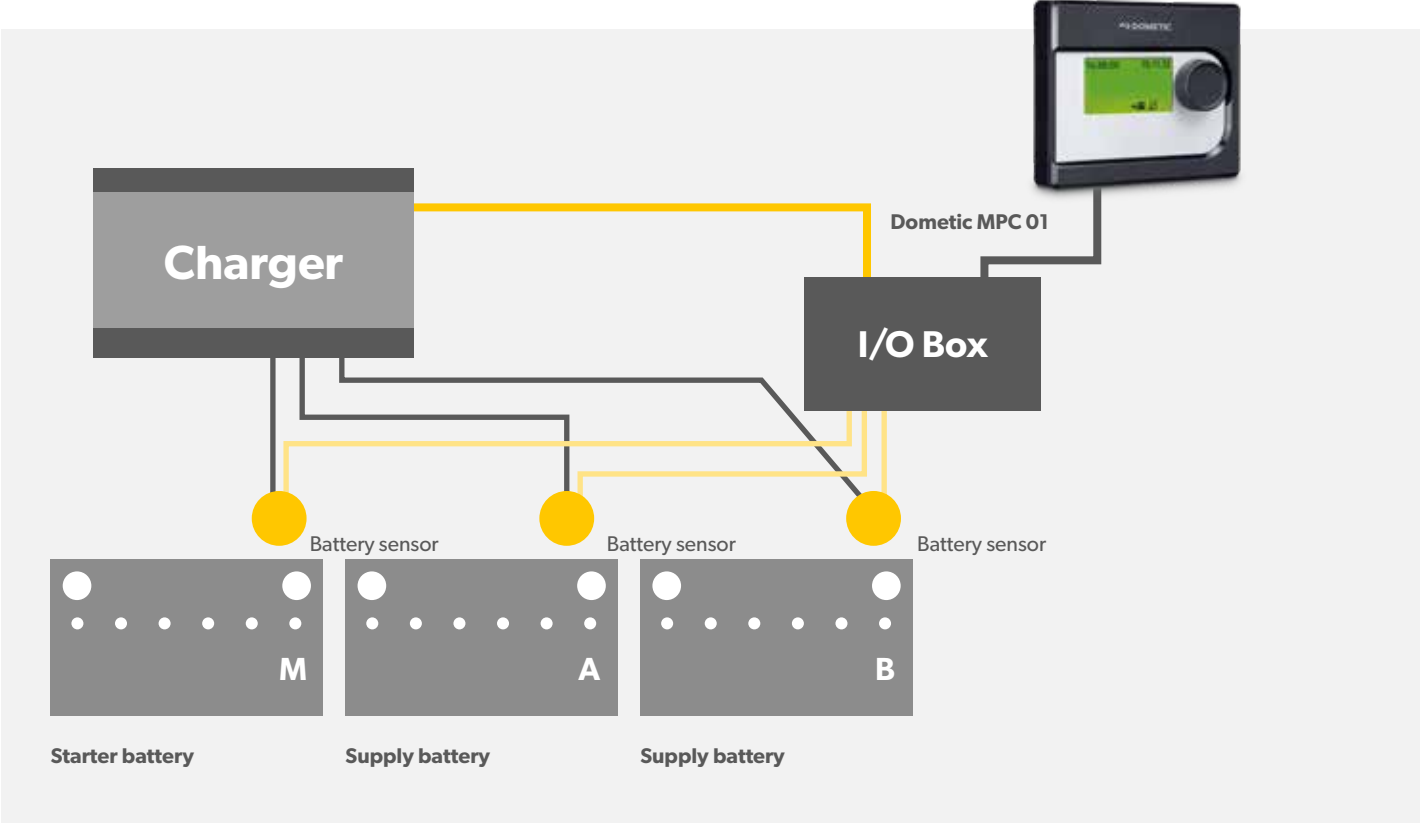
Battery management system with display and battery sensor

- Offers users full control over their batteries
- Easy to use control panel displays all important battery parameters
- Battery low warning prevents unexpected power problems
- Can be upgraded with three additional battery sensors
- CIS bus interface for integration in complex power management systems
- The ideal add-on for Dometic PerfectCharge battery chargers

Ref. No: 9102500073

INFORMATION AND OPERATING PANEL

The pleasingly self-explanatory display of the Dometic MPC 01 ensures all information on the status of up to four batteries can be called up any time. The various menus can be displayed by turning the rotary push button. The menu displayed can be accessed at the touch of the button, allowing parameters to be changed.



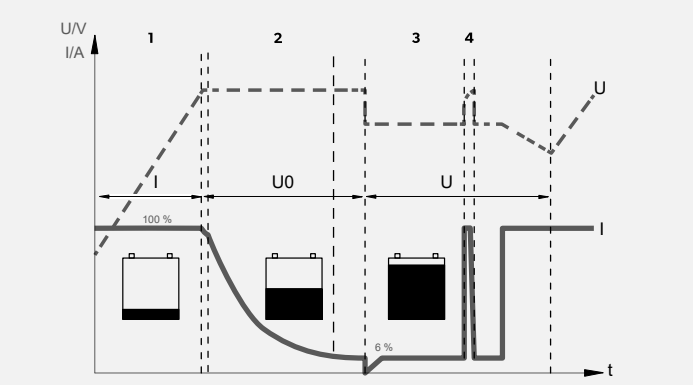
DOMETIC MCA SERIES

COMPACT, LIGHTWEIGHT, FAST TO INSTALL

Starter batteries and supply batteries are designed for different tasks. To start the engine, starter batteries must initially supply a high current level and will then serve as an energy buffer with smaller partial cycles. Supply or on-board batteries, in contrast, are discharged at lower current levels over longer periods of time and then charged again. This means they are subjected to considerably higher loads.

These special features must be factored into the charging technology to protect the batteries from damage and ensure they have a long service life. The IU0U battery chargers from Dometic PerfectCharge function using a unique six-stage charging cycle. They provide optimum charging for all gel, AGM and wet batteries, because they charge quickly and gently at the same time.

IU0U CHARGING CHARACTERISTICS



6-STAGE IU0U CHARGING

1. I-phase: The discharged battery is charged with constant current until the battery voltage reaches the charge voltage.
2. U0-phase: 3-stage absorption charging phase with constant voltage (U0). The battery charge is determined within the first two minutes, after which the main charging phase follows. This ends when the battery is fully charged or the charge current is less than 6 % of the nominal charging current for 15 mins.
3. U-phase: The charger switches over to float charging.
4. Conditioning: Every 12 days, the charger switches back into phase I to revitalise the battery and prevent sulphation.



DOMETIC PERFECTCHARGE MCA 1235

Charging of 2 batteries + starter battery. IU0U battery charger, 35 A, 12 V

- Gentle charging of 12 V batteries with optimised 6-stage IU0U charging technology
- Simultaneous charging of 2 batteries + starter battery
- Very compact design, lightweight and easy to install

Ref. No: 9600000030



DOMETIC PERFECTCHARGE MCA 1250

Charging of 3 batteries + starter battery. IU0U battery charger, 50 A, 12 V

- Gentle charging of 12 V batteries with optimised 6-stage IU0U charging technology
- Simultaneous charging of 3 batteries + starter battery
- Very compact design, lightweight and easy to install

Ref. No: 9600000031



DOMETIC PERFECTCHARGE MCA 1215

Charging of 1 battery + starter battery. IU0U battery charger, 15 A, 12 V

- Gentle charging of 12 V batteries with optimised 6-stage IU0U charging technology
- Simultaneous charging of one battery plus the starter battery
- Very compact design, lightweight and easy to install

Ref. No: 9600000028



DOMETIC PERFECTCHARGE MCA 1225

Charging of 2 batteries + starter battery. IU0U battery charger, 25 A, 12 V

- Gentle charging of 12 V batteries with optimised 6-stage IU0U charging technology
- Simultaneous charging of 2 batteries + starter battery
- Very compact design, lightweight and easy to install

Ref. No: 9600000029



DOMETIC PERFECTCHARGE MCA 1280

Charging of 3 batteries. IU0U battery charger, 80 A, 12 V

- Gentle charging of 12 V batteries with optimised 6-stage IU0U charging technology
- Simultaneous charging of 3 batteries
- Very compact design, lightweight and easy to install

Ref. No: 9600000032



DOMETIC PERFECTCHARGE MCA 2415

Charging of 2 batteries. IU0U battery charger, 15 A, 24 V

- Gentle charging of 24 V batteries with optimised 6-stage IU0U charging technology
- Simultaneous charging of 2 batteries
- Very compact design, lightweight and easy to install

Ref. No: 9600000033



DOMETIC PERFECTCHARGE MCA 2425

Charging of 3 batteries. IUOU battery charger, 25 A, 24 V

- Gentle charging of 24 V batteries with optimised 6-stage IUOU charging technology
- Simultaneous charging of 3 batteries
- Very compact design, lightweight and easy to install

Ref. No: 9600000034



THE
PERFECT
ADDITIONS



DOMETIC PERFECTCHARGE MCA 2440

Charging of 3 batteries. IUOU battery charger, 40 A, 24 V

- Gentle charging of 24 V batteries with optimised 6-stage IUOU charging technology
- Simultaneous charging of 3 batteries
- Very compact design, lightweight and easy to install

Ref. No: 9600000035

DOMETIC PERFECTCHARGE ACCESSORIES

Enhance your Dometic PerfectCharge IUOU battery charger with customised accessory solutions and benefit from the perfection of your charging technology!

Temperature Sensor MCA-TS1
Ref. No. 9600000099

Remote Control MCA-RC1
Ref. No: 9600000100

Battery Sensor MCA-HS1 for 12 V
Ref. No. 9600000101

Battery Sensor MCA-HS2 for 12 V
Ref. No. 9600026589

PERFECTPOWER DCC – OPTIMAL BATTERY CHARGING DURING THE CRUISE

The charging converters in the PerfectPower DCC series make sure that the leisure battery of your boat is optimally charged during the journey. Generating a stable output voltage, they can be used as a power source for sensitive appliances.

The charging converters can also serve as a voltage booster in installations with too small a cable cross section. Some models will simply be applied for the “classic task” of converting 12 volts into 24 volts, or vice versa.

- Advanced IUOU charging technology – adjustable to all common types of batteries
- Easy configuration with outside DIP switches – no need to open the housing
- Temperature compensated charging with optional temperature sensor
- Elegant housing – exclusive Dometic design
- Reliable charging of the leisure battery during the cruise
- IUOU charging characteristics – can be set for all commonly used types of batteries
- Temperature compensated charging with optional temperature sensor (MCA-TS1)



DOMETIC PERFECTPOWER DCC

Charging converters

12 V › 12 V (10 A) / DCC 1212-10
Ref. No. 9600003753

12 V › 12 V (20 A) / DCC 1212-20
Ref. No. 9600003754

12 V › 12 V (40 A) / DCC 1212-40
Ref. No. 9600003755

24 V › 12 V (20 A) / DCC 2412-20
Ref. No. 9600003750

24 V › 12 V (40 A) / DCC 2412-40
Ref. No. 9600003751

12 V › 24 V (10 A) / DCC 1224-10
Ref. No. 9600003748

12 V › 24 V (20 A) / DCC 1224-20
Ref. No. 9600003749

24 V › 24 V (10 A) / DCC 2424-10
Ref. No. 9600003752



INVERTERS

WITH MODIFIED SINE WAVE VOLTAGE

High product quality, a distinctive look, top technology, numerous comfort features: the Dometic PerfectPower series inverters provide everything a premium appliance should. The units up to 550 W are particularly light and compact.

They turn 12- or 24-volt battery voltage into a sine-wave-like 230-volt AC, which is fully adequate for a multitude of applications. Installation is quick and easy. Adjustable clip-on mounts allow for perfect adaptation to individual needs. For those looking for extra comfort and prefer activating their inverter from the dashboard, there is an additional outlet for an external switch.

BENEFITS WITH DOMETIC INVERTERS

- Also suitable for appliances with PFC control
- Reverse pole protection by exchangeable fuses
- Can be switched on / off by external switch
- Individually adjustable clip-on mounts
- 12- or 24-volt cigarette lighter plug (PerfectPower PP 152 / PP 154)



1. SAFETY UNDER CONTROL

Earthed socket for extra safety and LEDs indicating the operating status



2. FLEXIBLE MOUNTING AID

The individually adjustable clip-on feet allow for different installations



3. DOUBLE SWITCH OPTIONS

On/off switch and outlet for an external on/off switch



DOMETIC PERFECTPOWER PP 152 / PP 154

Inverter, 150 W, 12 V or 24 V

- 230 V AC sine wave like voltage output
- Suitable for supplying many common devices
- Easy installation with adjustable feet
- Reverse polarity protection prevents damage by faulty wiring
- 150 W continuous output
- 350 W peak output
- Supplied with 12 V cigarette lighter plug

PP 152 / 12 V Ref. No: 9600000016
PP 154 / 24 V Ref. No: 9600000017



DOMETIC PERFECTPOWER PP 402 / PP 404

Inverter, 350 W, 12 V or 24 V

- 230 V AC sine wave like voltage output
- Suitable for supplying many common devices
- Easy installation with adjustable feet
- Reverse polarity protection prevents damage by faulty wiring
- 350 W continuous output
- 700 W peak output

PP 402 / 12 V Ref. No: 9600000018
PP 404 / 24 V Ref. No: 9600000019



DOMETIC PERFECTPOWER PP 602 / PP 604

Inverter, 550 W, 12 V or 24 V

- 230 V AC sine wave like voltage output
- Suitable for supplying many common devices
- Easy installation with adjustable feet
- Reverse polarity protection prevents damage by faulty wiring
- 550 W continuous output
- 1100 W peak output

PP 602 / 12 V Ref. No: 9600000020
PP 604 / 24 V Ref. No: 9600000021

POWER IN YOUR POCKET READY FOR ANY MOMENT



DOMETIC POCKETPOWER SI 102

Mini inverter, up to 100 W, 12 V

This competitively priced mini inverter is ideal for low-power electric devices up to 100 W. Its energy comes from the 12 V battery of your vessel.

- For mobile use of low-power devices
- 230 V in the boat
- Lightweight and compact design
- Continuous power: 100 W
- Peak power: 200 W
- Mounting bracket for easy and neat installation
- Euro socket (not suitable for the UK)

Ref. No. 9600000036

PURE SINE WAVE VOLTAGE – CONVENIENT AND SAFE

The 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. Moreover, they are fitted with smart protection circuits for safe operation. 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

ENERGY-SAVING STANDBY MODE
(MODELS FROM 600 W)

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 boat 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 TOP TIP

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

WHAT’S THE DIFFERENCE?

PURE SINE WAVE VOLTAGE

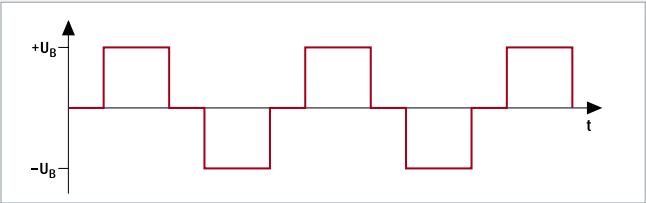
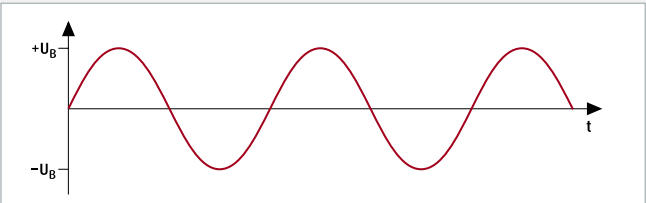
A clean sine wave voltage, like that from a home power socket. Ideal for electric toothbrushes, laptops, DVD players, espresso machines and other sensitive devices.

- Dometic SinePower DSP/DSP-T

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



SINEPOWER DSP



DOMETIC SINEPOWER DSP 212 / DSP 224

Sine wave inverter, 12 V or 24 V

- Continuous output: 150 W
- Peak output: 300 W
- Wide DC input voltage range
- Installation-friendly clip-on design for inverter and cradle
- Automatic restart after overload, over- or under-voltage
- Quiet fan is load- and temperature-controlled

DSP 212 / 12 V / Ref. No: 9600002603
DSP 224 / 24 V / Ref. No: 9600002540



DOMETIC SINEPOWER DSP 412 / DSP 424

Sine wave inverter, 12 V or 24 V

- Continuous output: 350 W
- Peak output: 700 W
- Wide DC input voltage range
- Installation-friendly clip-on design for inverter and cradle
- Automatic restart after overload, over- or under-voltage
- Quiet fan is load- and temperature-controlled

DSP 412 / 12 V / Ref. No: 9600002541
DSP 424 / 24 V / Ref. No: 9600002542

DOMETIC SINEPOWER VS 230

Mains priority circuit for sine wave inverters

- Makes the inverter switch over to an external mains supply as soon as it is available
- For all Dometic SinePower inverters between 900 and 1800 W
- Economical voltage distribution in boats with two potential power sources
- Ideal for use on a mains hook-up in the marina

Ref. No: 9600000324



DOMETIC SINEPOWER
DSP 612 / DSP 624

Sine wave inverter, 12 V or 24 V

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

DSP 612 / 12 V
Ref. No: 9600002543
DSP 624 / 24 V
Ref. No: 9600002544



DOMETIC SINEPOWER
DSP 1012 / DSP 1024

Sine wave inverter, 12 V or 24 V

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

DSP 1012 / 12 V
Ref. No: 9600002545
DSP 1024 / 24 V
Ref. No: 9600002550



DOMETIC SINEPOWER
DSP 1512 / DSP 1524

Sine wave inverter, 12 V or 24 V

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

DSP 1512 / 12 V
Ref. No: 9600002547
DSP 1524 / 24 V
Ref. No: 9600002548



DOMETIC SINEPOWER
DSP 2012 / DSP 2024

Designed for convenient operation of Dometic SinePower DSP sine wave inverters, these elegant remote controls supports all important basic functions (ON, OFF, Standby). They are also included as standard with all DSP / DSP-T models with a power rating of 600 W or higher.

DOMETIC SINEPOWER
DSP-RC

- Remote control for DSP inverters
- ON, OFF or standby mode
- Charger operation by remote control

Ref. No: 9600002563

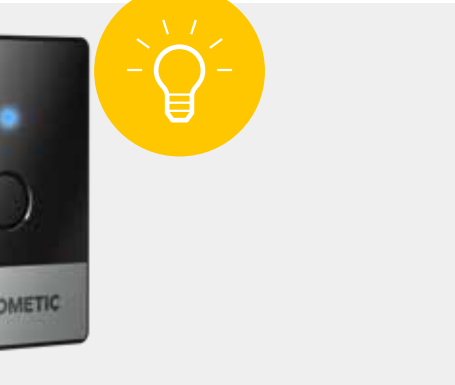


DOMETIC SINEPOWER
DSP 2012 / DSP 2024

Sine wave inverter, 12 V or 24 V

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

DSP 2012 / 12 V
Ref. No: 9600002549
DSP 2024 / 24 V
Ref. No: 9600002550



DOMETIC SINEPOWER
DSP-RCT

- Remote control for DSP-T inverters
- ON, OFF or standby mode
- Charger operation by remote control

Ref. No: 9600002564

SINEPOWER DSP-T

The SinePower DSP-T sine wave inverters provide all the benefits of the DSP series. Additionally, the integrated mains priority circuit with voltage synchronisation ensures a smooth switch-over from battery power to mains power as soon as your boat is connected to an external mains hook-up.

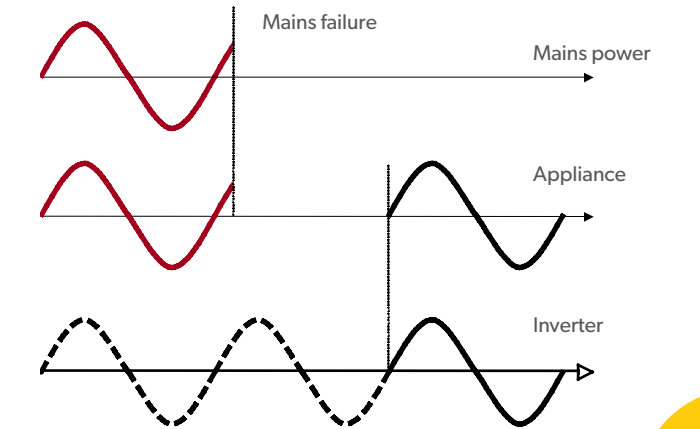
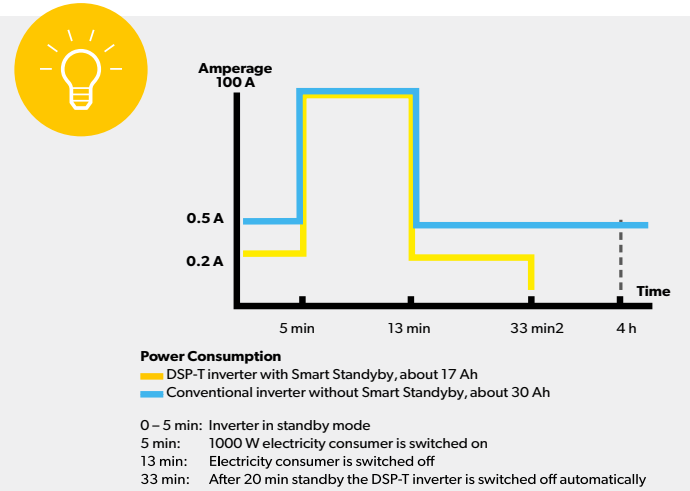
Another highlight of the SinePower DSP-T series is the energy-saving Smart Standby Mode, which can be configured as required. The best way to do this is by using the comfort remote control DSP-EM. It is available as an optional accessory.

- Pure sine wave 230 V AC output voltage is suitable for sensitive electronic devices
- New Smart Standby mode saves energy when the device is not needed
- New user interface for easy operation and control
- CI-Bus compatible
- Integrated mains priority circuit with voltage synchronization
- Wide DC input voltage range
- Quiet fan is load- and temperature-controlled

ENERGY-SAVING SMART STANDBY MODE

SinePower DSP-T sine wave inverters automatically change into the energy-saving Smart Standby Mode, if no (or only very little) power is consumed. You can easily preset when you want your inverter to “wake up” again – already for smaller loads such as mobile phones or the control electronics of your Nespresso machine, or not until larger loads come on, such as a water kettle or a hairdryer.

If you activate the battery protection mode, the inverter will switch off automatically after having been in standby for some time. This prevents unnecessary battery discharging.



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.





DOMETIC SINEPOWER DSP
1312T / DSP 1324T

Sine wave inverter

- Continuous output*: 1300 W
- Peak output: 2400 W

DSP 1312T / 12 V
Ref. No: 9600002551
DSP 1324T / 24 V
Ref. No: 9600002552

* For 10 minutes



DOMETIC SINEPOWER DSP
1812T / DSP 1824T

Sine wave inverter

- Continuous output*: 1800 W
- Peak output: 3200 W

DSP 1812T / 12 V
Ref. No: 9600002553
DSP 1824T / 24 V
Ref. No: 9600002554

* For 10 minutes



DOMETIC SINEPOWER DSP
2312T / DSP 2324T

Sine wave inverter

- Continuous output*: 2300 W
- Peak output: 4000 W

DSP 2312T / 12 V
Ref. No: 9600002555
DSP 2324T / 24 V
Ref. No: 9600002556

* For 10 minutes



DOMETIC SINEPOWER
DSP 3512T / DSP 3524T

Sine wave inverter, 12 V or 24 V

- Continuous output*: 3500 W
- Peak output: 6000 W

DSP 3512T / 12 V
Ref. No: 9600002557
DSP 3524T / 24 V
Ref. No: 9600002558

* For 10 minutes



COMFORT REMOTE CONTROL FOR DSP-T INVERTERS

An ultra-convenient and versatile remote control for easy operation of Dometic sine wave inverters and battery chargers. In addition to standard functions (ON, OFF and Standby) it also indicates values such as power and voltage. By connecting an MCA battery charger and a battery sensor, the unit can be upgraded into a powerful energy monitor and control centre.

DOMETIC SINEPOWER DSP-EM

- Versatile unit controls and monitors your DSP-T inverter and MCA charger
- Combine with battery sensor to view all relevant battery data
- Conveniently indicates values such as power and voltage in addition to standard functions
- Allows detailed customization of your inverter

Ref. No: 9600002565

SINEPOWER DSP-C: COMBINATION
INVERTER AND BATTERY CHARGER

The Dometic SinePower DSP-C series offers maximum independence in terms of power supply. A smart combination of inverter and automatic charger, it monitors the mains power input and responds to each situation accordingly – either supplementing the external power supply or, if not needed, charging the boat battery.

If the external power source fails altogether, the inverter switches on automatically and supplies connected appliances with 230 V AC with a true sine-wave form. With a maximum power load of 1200 W or 2000 W, it ensures trouble-free operation of coffee makers, microwave ovens and more. A Smart Standby mode saves energy when no power is needed, while full flexibility and configurability are retained.



DOMETIC SINEPOWER DSP 1212C / 1224C

Premium inverter with combined smart battery charger

- New Smart Standby mode saves energy when the device is not needed
- Separate energy monitor included for easy operation and control
- Continuous output: 1200 W (for 10 minutes)
- Peak output: 2400 W

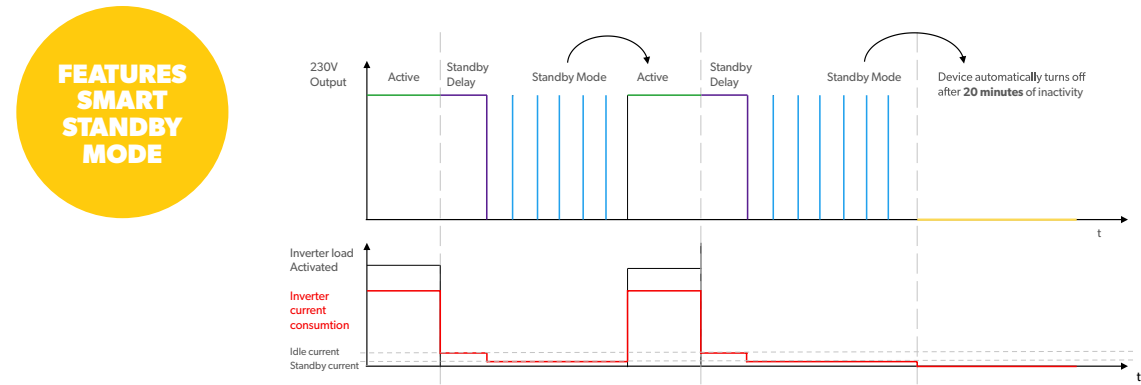
DSP 1212C / 12 V Ref. No: 9600002559
DSP 1224C / 24 V Ref. No: 9600002560

DOMETIC SINEPOWER DSP 2012C / 2024C

Premium inverter with combined smart battery charger

- New Smart Standby mode saves energy when the device is not needed
- Separate energy monitor included for easy operation and control
- Continuous output: 2000 W (for 10 minutes)
- Peak output: 4000 W

DSP 2012C / 12 V Ref. No: 9600002561
DSP 2024C / 24 V Ref. No: 9600002562



1. **ACTIVE MODE:** The inverter generates 230 V AC to supply a connected load. It draws as much DC power from the battery as required to satisfy the power demand of the connected load.
2. **STANDBY DELAY:** After the 230 V load has been removed the inverter remains idle for a short while before entering Standby Mode. This time span called Standby Delay can be configured. The inverter's input current during Standby Delay is defined as Idle Current.
3. **STANDBY MODE:** In Standby Mode the inverter is checking if a 230 V load is connected. During this phase it consumes a small amount of Standby Current.

As soon as a 230 V load with a power consumption higher than the Standby Threshold is connected to the inverter, the device returns to Active Mode again. The Standby Threshold can be configured, the minimum being 1 watt (e.g. required by a mobile phone charger)

4. **AUTOMATIC SHUTDOWN:** When the inverter is in Standby Mode and no 230 V load is connected, the device turns off completely after a specific period of time. This process is controlled by the Standby Timer. Naturally, the timer can also be programmed so that the inverter won't turn off.

HIGH QUALITY VOLTAGE CONVERTERS

Ideal as voltage stabilisers for sensitive 12 volt or 24 volt appliances with highest demands. Compensate for over and under-voltage in the on-board supply, generating a stable output voltage. Can also be used for charging supply batteries.

- Inexpensive and ultra-compact
- High energy efficiency (up to 90 %)
- Easy to install with clip-on system
- Switch mode design for running 24 V DC devices on 12 V DC
- Low heat output
- Lightweight

DOMETIC PERFECTCHARGE DCDC

Voltage converter

DCDC 06 / 6 A
Ref. No: 9600000038

DCDC 12 / 12 A
Ref. No: 9600000039

DCDC 12 / 24 A
Ref. No: 9600000040



MAINS ADAPTERS FOR POWER IN ANY LOCATION



DOMETIC COOLPOWER MPS 35

Mains adapter, connects 24 V appliances to 110–240 V mains, 110 W
Ref. No: 9600000445



DOMETIC COOLPOWER MPS 50

Mains adapter, connects 24 V appliances to 110–240 V mains, 150 W
Ref. No: 9600000441



DOMETIC COOLPOWER MPS 80

Mains adapter, connects 24 V appliances to 110–240 V mains, 252 W
Ref. No: 9600000442



DOMETIC COOLPOWER EPS 100

Mains adapter, connects 12/24 V appliances to 230 V mains
Ref. No: 9600000440



DOMETIC COOLPOWER EPS 817

Mains adapter, from 230 V to 12 V
Ref. No: 9600000439

DOMETIC PLB40 MAINTAIN POWER AFTER IT’S GONE

This market-leading battery system is the utilising cutting-edge technology which is a result of years of research and development. The Dometic PLB40 has powerful, integrated Lithium Iron Phosphate (LiFePO4) battery cells, providing an energy supply of 512 Wh. Ideal for powered coolers and other 12 V appliances while on adventures, the PLB40 provides up to 40 hours of cooling time for a Dometic CFX 40W on a single charge.

The integrated DC-DC charger offers three convenient ways to charge via: the boat 12 V socket, solar panel or AC power. The battery’s integrated battery management system protects the PLB40 from under-voltage, over-voltage, short circuiting and overheating for optimum charge time, performance and storage. With this power management system, the Dometic PLB40 has a cycle of life which is up to five times longer than more commonly used lead-acid batteries.



PORTABLE
POWER FOR
12 V
DEVICES

DOMETIC PLB40

Portable lithium battery, 40 Ah

The Dometic PLB40 Ah Lithium Iron Phosphate battery delivers high levels of mobile power – up to 40 hours of Dometic CFX 40W cooling on a single charge. Designed for powering powered coolers and other 12 V appliances while being off-grid. Thanks to its lightweight and compact design you can enjoy true independence and travel off-grid for longer.

- Enables you to travel off-grid for longer
- Three-way charging via 12 V socket, solar panel or AC house power
- Extremely lightweight, ergonomically designed stainless steel carry-handle
- Built-in LCD screen displays: capacity, charging status and output
- Specifically designed for Dometic CFX and other powered coolers
- Powerful battery cells provide 512 Wh of energy, 40 Ah
- Can power a Dometic CFX 40W cooler for up to 40 hours on a single charge

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1. HIGH CAPACITY

Lithium iron phosphate (LiFePo4) battery provides 40 Ah or 512 Wh of power in a small package



2. VERSATILE CHARGING

Charge with a boat’s 12 V DC cigarette outlet, solar panel, or included wall charger



3. MULTIPLE POWER OUTPUTS

Power 12 V accessories, Dometic powered coolers, or small electronics