



ELECTRONIC ACCESSORIES FOR MOBILE POWER SUPPLY

FROM BATTERY CHARGERS TO GENERATORS

You create the conditions that ensure your customers will never run out of power on board and on site. Dometic's Power & Control range is here to support you with smart electronic accessories.

When it comes to providing a 230-volt source, you can rely on the well proven generators in the TravelPower or TEC series. Or use one of our inverters, which generate 230 volts AC from battery power.

On the following pages you can also find solutions for a well-working DC network. Regardless of whether you are looking for a reasonably priced voltage converter to run a 12-volt appliance on 24 volts, or a high-quality device for stabilizing the supply voltage – whatever you need is here. Elegant lighting solutions and smart control devices add the finishing touch to this range.



BATTERY CHARGERS AND BATTERY CARE

Automatic chargers with IUOU characteristics for fast and gentle charging of gel, AGM and wet batteries. Battery conditioners for a longer service life.

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VOLTAGE CONVERTERS & CHARGING CONVERTERS

Compact voltage converters for running 12-volt devices in 24 volt circuits. Charging converters for reliable charging of leisure batteries while driving.

PAGE 224 – 227



CONTROLS & PANELS

Instant access to all critical information. User-friendly, intuitive control panels and a smart battery management system for efficient use of mobile energy resources.

PAGE 228 – 229



INVERTERS

230-volt AC from 12 or 24-volt battery power. Inverters with pure sine wave voltage. Lightweight and compact or with very high peak output power for consumers with high start-up currents.

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BATTERY PACKS

Superior lithium ion battery technology for an unprecedented level of independence. Portable for off-grid or off-road use, or for integration into complex energy management systems.

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GENERATORS

230 volts AC on standby – for rescue vehicles, tool and gear trucks, market stands and the like, Dometic generators ensure a power supply in places without a mains.

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COOL POWER

Power supplies for coolers and refrigerators

PAGE 242 – 243



LIGHTS

Elegant lighting solutions with energy-saving LED technology. Recessed and surface-mounted spots, low-profile LED modules, smart power supply.

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BATTERY CHARGING AND BATTERY CARE

SMART TECHNOLOGY MAKES THE MOST OF PRECIOUS BATTERY POWER





The Dometic range provides state-of-the-art charging technology for maximum availability of mobile battery power. MCA series automatic chargers are compact, lightweight and easy to install. MCP series chargers with intuitive one-button operation are ideal for modern start-stop batteries. PerfectPower DCC charging converters

give batteries an optimal charge during the drive – even in modern vehicles with an energy-saving smart alternator. Well proven battery care products prevent premature battery ageing and failure – highly recommendable for seasonal vehicles.

DOMETIC PERFECTCHARGE MCA 1215 / 1225 / 1235 / 1250

3.39

IUOU battery charger

	MCA 1215	MCA 1225	MCA 1235	MCA 1250
MCA 1215				
				
MCA 1225				
				
MCA 1235				
				
MCA 1250				
				
Charge outputs	1 + 1	2 + 1	2 + 1	3
Input voltage	90 – 260 V			
Frequency	50 – 60 Hz			
End-of-charging voltage	14.4 / 14.7 V			
Float charging voltage	13.8 V			
Recommended battery capacity	40 – 170 Ah	75 – 300 Ah	100 – 400 Ah	150 – 60 Ah
U0 phase limited at	8 h			
Energy efficiency up to	92 %			
Charging current	15 A	25 A	35 A	50 A
Operating temperature	– 20 to +50 °C			
Dimensions (W x H x D)	179 x 63 x 238 mm		179 x 63 x 274 mm	208.5 x 75 x 283 mm
Weight	1.6 kg	1.7 kg	1.9 kg	3.1 kg
Type of protection	IP 21			
Product			Ref. No.	Ref. No. UK
PerfectCharge MCA 1215			9600000028	9600000179
PerfectCharge MCA 1225			9600000029	9600000180
PerfectCharge MCA 1235			9600000030	9600000181
PerfectCharge MCA 1250			9600000031	9600000182
/ Optional extras				
Temperature sensor MCA-TS1			9600000099	
Remote control MCA-RC1			9600000100	
Controller MPC 01			9102500073	
Hella sensor MCA-HS1			9600000101	

DOMETIC PERFECTCHARGE MCA 1280 / 2415 / 2425 / 2440

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IUOU battery charger


	MCA 1280	MCA 2415	MCA 2425	MCA 2440
MCA 1280				
				
MCA 2415				
				
MCA 2425				
				
MCA 2440				
				
Charge outputs	3	2	3	3
Input voltage	90 – 260 V			
Frequency	50 – 60 Hz			
End-of-charging voltage	14.4 / 14.7 V		28.8 / 29.4 V	
Float charging voltage	13.8 V		27,6	
Recommended battery capacity	200 – 800 Ah	40 – 170 Ah	75 – 300 Ah	100 – 400 Ah
U0 phase limited at	8 h		8 or 16 h	
Energy efficiency up to	92 %			
Charging current	80 A	12.5 A	25 A	40 A
Operating temperature	– 20 to +50 °C			
Dimensions (W x H x D)	208.5 x 75 x 303 mm	179 x 63 x 238 mm	208.5 x 75 x 283 mm	208.5 x 75 x 303 mm
Weight	4 kg	1.6 kg	2.9 kg	3.9 kg
Type of protection	IP 21			
Product			Ref. No.	Ref. No. UK
PerfectCharge MCA 1280			9600000032	9600000183
PerfectCharge MCA 2415			9600000033	9600000184
PerfectCharge MCA 2425			9600000034	9600000185
PerfectCharge MCA 2440			9600000035	9600000186
/ Optional extras				
Temperature sensor MCA-TS1			9600000099	
Remote control MCA-RC1			9600000100	
Controller MPC 01			9102500073	
Hella sensor MCA-HS1			9600000101	



DOMETIC PERFECTCHARGE MCP 1204 / MCP 1207

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Battery chargers

	MCP 1204	MCP 1207
		
Charge outputs	1 (very flexible thanks to plug connector)	
Charging characteristic	8 step	
Input voltage	230 V (180 – 253 V)	
Charging current max.	4 A	7 A
Recommended battery capacity	Charging: 7 – 110 Ah/ maintenance charging: 7 – 180 Ah	Charging: 15 – 160 Ah/ maintenance charging: 15 – 250 Ah
Dimensions (W x H x D)	90 x 55 x 220 mm	90 x 55 x 250 mm
Weight	0.5 kg	0.7 kg
Product	Ref. No.	
PerfectCharge MCP 1204	9600000026	
PerfectCharge MCP 1207	9600000027	
/ Optional extras		
Battery indicator BI 01	9600000094	
Wall cradle	9102500079	

DOMETIC PERFECTCHARGE IU 812

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IU0U charger for 12 V wet, gel and AGM batteries

		
Charge outputs	1	
Input voltage	230 V (180 – 253 V)	
Frequency	50 – 60 Hz	
End-of-charging voltage	14.4 V	
Float charging voltage	13.6 V	
Max. battery capacity	100 Ah	
Charging current	8 A	
Charging characteristics	IU0U with limit time of the IU0 phase	
Operating temperature	0 to +50 °C	
Dimensions (W x H x D)	120 x 70 x 200 mm	
Weight	0.9 kg	
Quality Features	Overload/short-circuit protection, Can be used as mains supply unit	
Product	Ref. No.	
PerfectCharge IU 812	9600000037	

**DOMETIC PERFECTBATTERY BR 12**

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Battery refresher, 12 volts

	Input voltage	12 V DC
	Cut-in voltage	> 12.6 ± 0.2 V
	Standby current	< 0.2 mA
	Battery terminals	1
	Dimensions (W x H x D)	100 x 67 x 25
	Weight	0.12
	Test marks	e-approved (Automotive EMC Directive)
	Product	Ref. No.
	PerfectBattery BR 12	9600000093

DOMETIC PERFECTBATTERY BC 100

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Battery conditioner, 12 volts

	Input voltage	230 V AC (180 – 253 V)
	Input Frequency	50 – 60 Hz
	Battery terminals	1
	End-of-charging voltage	13.8 V DC
	Float charge voltage	13.0 V
	Charging control	3 LEDs
	Max. Charging current	1.0 A
	Operating temperature	–20 to +50 °C
	Dimensions (W x H x D)	70 x 100 x 60 mm
	Weight	0.45 kg
	Quality features	Overload and short-circuit protection
	Product	Ref. No.
	PerfectBattery BC 100	9600000092



VOLTAGE CONVERTERS




FOR RUNNING 12-VOLT DEVICES ON 24-BATTERIES

Inexpensive, ultra-compact voltage converters in switch-mode design for operation of 12 volt appliances in 24 volt circuits. Inexpensive converters (PerfectPower DCDC 06 to DCDC 24) are often absolutely fine for running a 12 volt appliance on a 24 volt battery. Computers, monitors, measuring instruments and other sensitive appliances require a constant and stable voltage that compensates drops and peaks.

The solution: voltage converters and charging converters with electrically isolated input and output voltage (PerfectPower DCDC 10 to DCDC 40 or PerfectCharge DC 08 to DC 40). The high-quality DC/DC converters can also be used for quick and gentle charging of supply batteries during the drive. PerfectCharge charging converters, given their enhanced output voltage of 14.2 volts, are the best choice for this purpose.

DOMETIC PERFECTPOWER DCDC 06 / DCDC 12 / DCDC 24

Voltage converters

	DCDC 06	DCDC 12	DCDC 24
DCDC 06			
DCDC 12			
DCDC 24			
Input voltage	20 to 30 V DC		
No-load input current	8 mA	8 mA	8 mA
Nominal input current	5 A	10 A	18 A
Output voltage	13.8 V DC -10 %		
Nominal output current	6 A	12 A	24 A
Peak output current	10 A	18 A	30 A
Energy efficiency	up to 90 %	up to 90 %	up to 90 %
Dimensions (W x H x D)	105 x 47 x 118 mm	105 x 47 x 128 mm	105 x 47 x 158 mm
Weight	0.45 kg	0.5 kg	0.7 kg
Product	Ref. No.		
PerfectPower DCDC 06	9600000038		
PerfectPower DCDC 12	9600000039		
PerfectPower DCDC 24	9600000040		





EVERYTHING UNDER CONTROL


ALL IMPORTANT PARAMETERS IN VIEW AND EASY TO CONTROL

In our era of smart devices, we have grown accustomed to accessing critical information at a glance and controlling our environment at the touch of a finger. Dometic provides a wide range of user-friendly control panels connected to our products and systems.

DOMETIC DSP-EM

3.16


Monitoring and control device for DSP-T inverter and MCA charger

	Input voltage	9 – 35 V DC
	Power consumption in display mode in standby mode	170 mA 40 mA
	Dimensions (W x H x D)	150 x 110 x 23 mm
	Weight	0.15 kg
	Quality features	<ul style="list-style-type: none"> 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 Combine with MCA charger to control all energy products with one panel
Product		Ref. No.
Dometic DSP-EM		9600002565

DOMETIC MPC 01

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Intelligent battery management system with display and a battery sensor

	Input voltage	8 – 16 V DC
	Power consumption in display mode in standby mode	150 mA 10 mA
	Dimensions incl. knob (W x H x D)	145 x 122 x 24.5 mm
	Quality features	CI bus interface, three additional battery sensors (accessory) can be connected
	Product	
Dometic MPC 01		9102500073



SINE WAVE INVERTERS





PURE SINE WAVE VOLTAGE FOR 230-VOLT DEVICES

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. Due to their large input voltage range, they are also fine for modern EURO 6 vehicles with smart alternators. 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.

DOMETIC SINEPOWER DSP

Sine wave inverter

	DSP 212 / DSP 224	DSP 412 / DSP 424
 DSP 212 DSP 224	Input voltage	12 V DC (10 – 16.5 V) / 24 V DC (20 – 33 V)
	Output voltage / shape	230 V AC / pure sine wave 
	Output Frequency	50 Hz
	No-load current input	0.6 A / 0.4 A
	Continuous output	150 W
	Peak power	300 W
	Energy efficiency up to	90 %
	Dimensions (W x H x D)	127 x 52 x 210 mm
	Weight	1.1 kg
	Test mark	e-certified (Automotive EMC Directive)
 DSP 412 DSP 424	Input voltage	12 V DC (10 – 16.5 V) / 24 V DC (20 – 33 V)
	Output voltage / shape	230 V AC / pure sine wave 
	Output Frequency	50 Hz
	No-load current input	0.6 A / 0.4 A
	Continuous output	150 W
	Peak power	300 W
	Energy efficiency up to	90 %
	Dimensions (W x H x D)	127 x 52 x 210 mm
	Weight	1.1 kg
	Test mark	e-certified (Automotive EMC Directive)
Type of protection	equivalent to IP 21	
Product	Ref. No.	Ref. No. UK
Dometic SinePower DSP 212	9600002603	9600003593
Dometic SinePower DSP 224	9600002540	9600003594
Dometic SinePower DSP 412	9600002541	9600003595
Dometic SinePower DSP 424	9600002542	9600003596

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DOMETIC SINEPOWER DSP

Sine wave inverter





	DSP 612 / DSP 624	DSP 1012 / DSP 1024
 DSP 612 DSP 624	Input voltage	12 V DC (10 – 16.5 V) / 24 V DC (20 – 33 V)
	Output voltage / shape	230 V AC / pure sine wave 
	Output Frequency	50 Hz
	No-load current input	<0.8 A / <0.5 A
	Standby current consumption	0.3 A / 0.2 A
	Continuous output	600 W
	Peak power	1200 W
	Energy efficiency up to	90 %
	Dimensions (W x H x D)	230 x 80 x 220 mm
	Weight	2.8 kg
 DSP 1012 DSP 1024	Input voltage	12 V DC (10 – 16.5 V) / 24 V DC (20 – 33 V)
	Output voltage / shape	230 V AC / pure sine wave 
	Output Frequency	50 Hz
	No-load current input	<1.2 A / <0.6 A
	Standby current consumption	0.4 A / 0.25 A
	Continuous output	1500 W
	Peak power	3000 W
	Energy efficiency up to	90 %
	Dimensions (W x H x D)	272 x 97 x 340 mm
	Weight	4.9 kg
 DSP 1512 DSP 1524	Input voltage	12 V DC (10 – 16.5 V) / 24 V DC (20 – 33 V)
	Output voltage / shape	230 V AC / pure sine wave 
	Output Frequency	50 Hz
	No-load current input	<1.5 A / <0.8 A
	Standby current consumption	0.5 A / 0.3 A
	Continuous output	1500 W
	Peak power	3000 W
	Energy efficiency up to	90 %
	Dimensions (W x H x D)	272 x 97 x 340 mm
	Weight	4.9 kg
 DSP 2012 DSP 2024	Input voltage	12 V DC (10 – 16.5 V) / 24 V DC (20 – 33 V)
	Output voltage / shape	230 V AC / pure sine wave 
	Output Frequency	50 Hz
	No-load current input	<1.5 A / <0.8 A
	Standby current consumption	0.5 A / 0.3 A
	Continuous output	1500 W
	Peak power	3000 W
	Energy efficiency up to	90 %
	Dimensions (W x H x D)	272 x 97 x 340 mm
	Weight	4.9 kg
Test mark	e-certified (Automotive EMC Directive)	
Type of protection	equivalent to IP 21	
Product	Ref. No.	Ref. No. UK
Dometic SinePower DSP 612	9600002543	9600003597
Dometic SinePower DSP 624	9600002544	9600003598
Dometic SinePower DSP 1512	9600002547	9600003601
Dometic SinePower DSP 1524	9600002548	9600003602
Dometic SinePower DSP 2012	9600002549	9600003603
Dometic SinePower DSP 2024	9600002550	9600003604
/ Optional extras		
DC connection cable (for DSP 612/624/1012/1024)	960000268	
DC connection cable DSP 1512, 12 V	9102700003	
DC connection cable DSP 2012, 12 V	9600000269	
DC connection cable DSP 1524/2024, 24 V	9600000268	
Mains priority circuit VS-230	9600000324	

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DOMETIC SINEPOWER DSP-T

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Comfort sine wave inverter

	DSP 1312T / DSP 1324T	DSP 1812T / DSP 1824T	
DSP 1312T DSP 1324T 	Input voltage	12 V DC (10.5 – 16 V) 24 V DC (21 – 32 V)	
	Output voltage / shape	230 V AC / pure sine wave 	
	Output Frequency	50 / 60 Hz	
	No-load current input	2.5 A / 1.3 A	
	Standby current consumption	0.2 A / 0.1 A	
	Continuous output	1300* W	
	Peak power	2400 W	
	Energy efficiency up to	90%	
	Dimensions (W x H x D)	284 x 118 x 405 mm	
	Weight	4.8 kg	
DSP 1812T DSP 1824T 	Priority circuit	Integrated mains priority circuit with voltage synchronisation	
	Test mark	e-certified (Automotive EMC Directive)	
	Type of protection	equivalent to IP 21	
	DSP 2312T / DSP 2324T 	DSP 2312T / DSP 2324T	DSP 3512T / DSP 3524T
		Input voltage	12 V DC (10.5 – 16 V) 24 V DC (21 – 32 V)
		Output voltage / shape	230 V AC / pure sine wave 
		Output Frequency	50 / 60 Hz
		No-load current input	2.8 A / 1.4 A
		Standby current consumption	0.2 A / 0.15 A
		Continuous output	2300* W
Peak power		4000 W	
Energy efficiency up to		90%	
Dimensions (W x H x D)		284 x 118 x 481 mm	
DSP 3512T DSP 3524T 	Weight	6.6 kg	
	Priority circuit	Integrated mains priority circuit with voltage synchronisation	
	Test mark	e-certified (Automotive EMC Directive)	
	Type of protection	equivalent to IP 21	
	Product	Ref. No.	Ref. No. UK
	Dometic SinePower DSP 1312T	9600002551	9600005002
	Dometic SinePower DSP 1324T	9600002552	9600005003
	Dometic SinePower DSP 1812T	9600002553	9600005004
	Dometic SinePower DSP 1824T	9600002554	9600005005
	Dometic SinePower DSP 2312T	9600002555	9600005006
Dometic SinePower DSP 2324T	9600002556	9600005007	
Dometic SinePower DSP 3512T	9600002557	9600005008	
Dometic SinePower DSP 3524T	9600002558	9600005009	
/ Optional extras			
DC connection cable (for DSP 1312T / DSP 1324T)	9600000268		
DC connection cable (for DSP 1812T, 12 V)	9102700003		
DC connection cable (for DSP 2312T, 12 V)	9600000269		
DC connection cable (for DSP 3512T, 12 V)	on request		
DC connection cable (for DSP 1824T/2324T/3524T, 24 V)	9600000268		
Standard remote control DSP-RCT	9600002564		
Convenience remote control DSP-EM	9600002565		

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

SINEPOWER DSP-C

ALL-IN-ONE POWER SOLUTION





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 vehicle 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.

DOMETIC SINEPOWER DSP-C

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Premium inverter with combined smart battery charger

	DSP 1212C	DSP 1224C	DSP 2012C	DSP 2024C	
DSP 1212C DSP 1224C 	Input voltage	12 V DC (10 – 16.5 V)	24 V DC (20 – 33 V)	12 V DC (10 – 16.5 V)	24 V DC (20 – 33 V)
	Input voltage	180 – 260 V AC	180 – 260 V AC	180 – 260 V AC	180 – 260 V AC
	Output voltage/Form	230 V AC / pure sine wave  +3%			
	Output frequency	50/60 Hz +- 3%	50/60 Hz +- 3%	50/60 Hz +- 3%	50/60 Hz +- 3%
	No-load current input	3 A	1.5 A	4 A	2 A
	Standby current consumption	<0.3 A	<0.2 A	<0.3 A	<0.2 A
	Continuous output	1200 W	1200 W	2000 W	2000 W
	Peak power	2400 W	2400 W	4000 W	4000 W
	Energy efficiency up to	> 88 %	> 89 %	> 88 %	> 89 %
	DSP 2012C DSP 2024C 	End-of-charge voltage	13.8 / 14.4 / 14.7 V	13.8 / 14.4 / 14.7 V	13.8 / 14.4 / 14.7 V
Maintenance-charge voltage		13.8 V	13.8 V	13.8 V	13.8 V
Recommended battery capacity		120 Ah	60 Ah	200 Ah	100 Ah
Charging current		50 A	25 a	100 A	50 A
Ambient temperature Operating		-20 to 60 °C	-20 to 60 °C	-20 to 60 °C	-20 to 60 °C
Dimensions (W x H x D)		248 x 188 x 405 mm	248 x 188 x 405 mm	248 x 188 x 481 mm	248 x 188 x 481 mm
Weight		5.6 kg	5.6 kg	7.2 kg	7.2 kg
Integrated mains priority circuit with voltage synchronisation		•	•	•	•
Quality Features		<ul style="list-style-type: none"> • Smart and efficient energy management with battery recharging function • New Smart Standby mode saves energy when the device is not needed • Separate energy monitor included for easy operation and control • Uses battery power to compensate limited mains power • True sine wave output • Wide DC input voltage range • Easy to include in the vehicle grid 			
Test mark		e-certified (Automotive EMC Directive)			
Type of protection	equivalent to IP 21				
	Product	Ref. No.			
	Dometic SinePower DSP 1212C	9600002559			
	Dometic SinePower DSP 1224C	9600002560			
	Dometic SinePower DSP 2012C	9600002561			
	Dometic SinePower DSP 2024C	9600002562			
/ Optional extras					
Convenience remote control DSP-EM	Scope of delivery				
IBS Multiplexer	9600002566				
Hella Sensor MCA-HS1	9600000101				

incl. DSP-EM
Convenience remote control



BATTERY PACKS

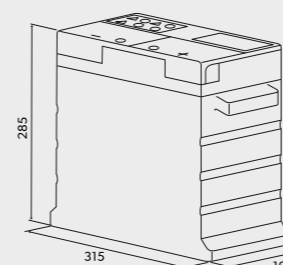
SUPERIOR LITHIUM ION TECHNOLOGY FOR AN UNPRECEDENTED LEVEL OF INDEPENDENCE

Designed for permanent integration in vehicles, market stalls and mobile shops, Dometic's eSTORE lithium ion battery is an energy storage medium far superior to common lead-acid or lead-gel batteries. It gives five times more charging cycles, is up to 60 % lighter in weight and can be recharged within 2–3 h. An integrated battery management system protects the battery and displays the charging status.

The Dometic PLB40 lithium iron phosphate battery delivers mobile energy for power tools, electric coolers and other 12 V appliances. Lightweight and perfectly portable, it is ideal for off-grid applications. For supplying 24 V devices, we recommend the BP124 battery pack, which comes with high-quality lithium-ion cells and an integrated charger.

DOMETIC eSTORE

Lithium ion battery



Battery capacity	100 Ah
Battery voltage	12 V DC
Continuous output	2000 W
Charging temperature	-10 to +55 °C (< 0 °C charging at max. 5 A, > 0 °C charging at max. 40 A)
Operating temperature (discharging)	-30 to +55 °C
Number of cycles	Up to 2000 (25 °C, 80 % DOD depth of discharge)
Sulfation	No
Charging time	1:15 h (with Dometic eCORE)
Dimensions (W x H x D)	315 x 285 x 160 mm
Weight	17 kg
Test marks	E-certified (Automotive EMC Directive)
Type of protection	Equivalent to IP 21
Quality features	Maintenance-free lithium ion battery. Five times more charging cycles for much longer lifetime. Fast recharging in 2–3 h. Up to 60 % lighter than conventional gel batteries. Integrated battery management system protects the battery and displays the charging state.

Product	Ref. No.
Dometic eSTORE	9102900224
/ Optional extras	
eSTORE – bus cable kit for communication between eSTORE units in multiple eSTOREs when using eSTORE bus	9102900279
eSTORE – eCORE bus cable for communication between eSTORE and eCORE	9102900280
eSTORE – MPC 01 bus cable for communication between eSTORE and MPC 01	9600000438
eSTORE – MCA bus cable for communication between eSTORE and MCA. (For installations with MPC 01 only use eSTORE MPC 01 bus cable!)	9600000443

PORTABLE BATTERY PACKS

Portable lithium batteries

	PLB 40	BP124
Battery capacity	40 Ah / 512 Wh	10 Ah / 250 Wh
Chemistry	Lithium Iron Phosphate (LiFePO4)	Li-NMC
Battery voltage	12.8 V DV	25,2 V DC (19,25 V – 29,4 V)
DC output	15 A	20 A
Continuous output	150 W (per 12 V connection)	385 W
Dimensions (W x H x D)	197 x 257 x 197 mm	150 x 65 x 150 mm
Weight	7.54 kg	3.1 kg
Quality Features	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, Suitable for the CFX, CDF, CF series, Powerful battery cells provide 512 Wh of energy, 40 Ah	High-quality lithium-ion cells (Samsung ICR18650-26F), integrated charger, Supplying energy to 24-volt compressor coolers, Suitable for the CFX, CDF, CF series
Scope of delivery	40Ah Lithium ion Phosphate battery pack, 10Amp ACDC charger, DC cable extension with Cig plug & Anderson connector, Colour gift box packaging	Battery pack, charger, charging cable
Test marks	IP class IP44	e-certified (Automotive EMC Directive)
Product	Ref. No.	
Dometic BP124, batterypack	9600005902	
Dometic PLB40, portable lithium battery, 40 Ah	9600012878	

PLB 40



BP124





DOMETIC GENERATORS

230 VOLTS – ANYTIME, ANYWHERE

BENEFITS

- Highly compact design
- High continuous output
- Suitable as a power source for Dometic air conditioners
- Remote control included
- TEC models: Auto start function for automatic battery recharging
- Petrol fuelled TEC models: variable speed, economical fuel consumption, low-noise operation



VARIABLE SPEED

- T model and Diesel fuelled models: constant speed




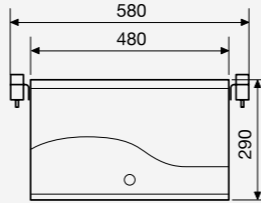
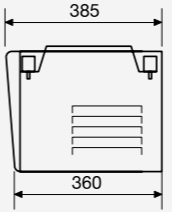
CONSTANT SPEED

Dometic generators ensure a reliable power supply wherever mains power is unavailable. This makes them indispensable for everyone seeking maximum independence on the move.

High performance, modest fuel consumption and excellent product quality are the features you can expect to find in every Dometic generator. The range includes models from 2000 to 6200 watts, fuelled with petrol or Diesel.

DOMETIC TEC 29

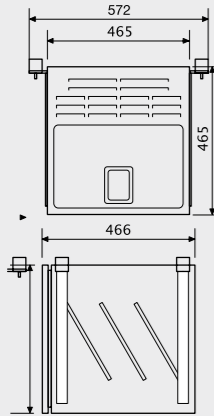
2.6 kW generator for 230 volts AC, fuelled by petrol or by diesel

		TEC 29
 <p>TEC 29</p>  	Output voltage	230 V AC ±1 % (continuous)/pure sine wave ~
	Total distortion factor	1 %
	Frequency	50Hz ±1%
	Max. starting current	33 A
	Continuous output	2,600 W
	Peak power	2,900 W
	Engine output	4.0 (5.5) kW (PS)
	Operating mode/fuel	Normal unleaded ROZ 91 petrol
	Power consumption	max. 1.2l/h
	Sound level at 7 metres	54–59 dBA
	Guaranteed sound level	86 dBA
	Size (W x H x D)	480 x 290 x 385 mm
	Width with suspension	580 mm
	Housing finish	Stainless steel
Weight	44 kg	
Auto-start function	yes	
12-volt output for battery charging	yes	
Quality features	Automatic low-oil cut-off, electrical starter, short circuit protection, soundproofed operation via external control panel, alarm functions, variable generator speed	
Test marks	E13	
Product	Ref. No.	
Dometic TEC 29	9102900299	
/ Optional extras		
Plastic petrol tank with lock cap and fuel reserve float, 15 litres	9102900009	
Plastic petrol tank with supports and feed-mouth incorporated, 15 litres	9102900010	
20-litre stainless steel tank	9102900011	
Hose set	9102900003	
Flexible metal hose 25 mm, 2 m	9102900137	
Flexible metal hose 25 mm, 5 m	9102900138	

DOMETIC TEC 30EV

3.39

2.5 kW generator for 230 volts AC fuelled by diesel



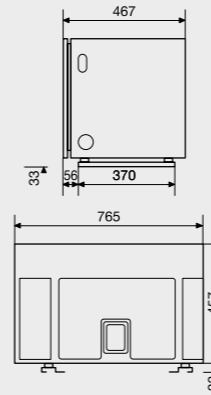
Output voltage	230 V AC $\pm 1\%$ (continuous)/pure sine wave \sim
Total distortion factor	1%
Frequency	50 Hz $\pm 1\%$
Max. starting current	33 A
Continuous output	2,500 W
Peak power	2,900 W
Engine output	3.3 (4.5) kW (PS)
Operating mode/fuel	Diesel
Power consumption	max. 0.7 l/h
Sound level at 7 metres	60 dBA
Guaranteed sound level	84 dBA
Size (W x H x D)	465 x 465 x 466 mm
Width with suspension	572 mm
Housing finish	Stainless steel
Weight	70 kg
Auto-start function	yes
12-volt output for battery charging	yes
Quality features	Automatic low-oil cut-off, electrical starter, short circuit protection, soundproofed operation via external control panel, alarm functions
Test marks	E13

Product	Ref. No.
Dometic TEC 30EV	9102900033
/ Optional extras	
Plastic petrol tank with lock cap and fuel reserve float, 15 litres	9102900009
Plastic petrol tank with supports and feed-mouth incorporated, 15 litres	9102900010
20-litre stainless steel tank	9102900011
Hose set	9102900003
Flexible metal hose 25 mm, 2 m	9102900137
Flexible metal hose 25 mm, 5 m	9102900138

DOMETIC TEC 40D

3.39

3.5 kW generator for 230 volts AC, fuelled by diesel



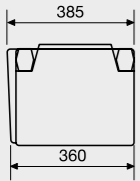
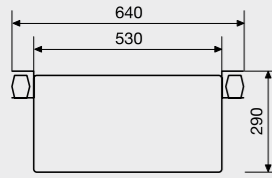
Output voltage	230 V AC $\pm 1\%$ (continuous)/pure sine wave \sim
Total distortion factor	5%
Frequency	50 Hz $\pm 1\%$
Max. starting current	45 A
Continuous output	3,500 W
Peak power	3,900 W
Engine output	4.7 (6.4) kW (PS)
Operating mode/fuel	Diesel
Power consumption	max. 1.4 l
Sound level at 7 metres	64 dBA
Guaranteed sound level	89 dBA
Size (W x H x D)	765 x 457 x 467 mm
Width with suspension	765 mm
Housing finish	Stainless steel
Weight	96.5 kg
Auto-start function	yes
12-volt output for battery charging	yes
Quality features	Automatic low-oil cut-off, electrical starter, short circuit protection, soundproofed operation via external control panel, alarm functions
Test marks	E24

Product	Ref. No.
Dometic TEC 40D	9102900295
/ Optional extras	
Plastic petrol tank with lock cap and fuel reserve float, 15 litres	9102900009
Plastic petrol tank with supports and feed-mouth incorporated, 15 litres	9102900010
20-litre stainless steel tank	9102900011
Hose set	9102900003
Flexible metal hose 25 mm, 2 m	9102900137
Flexible metal hose 25 mm, 5 m	9102900138

DOMETIC T 2500H

3.39

2.0 kW generator for 230 volts AC, fuelled by petrol



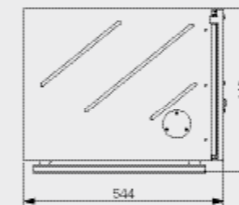
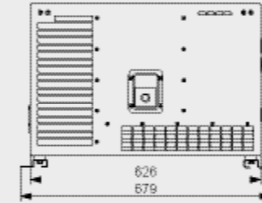
Output voltage	230 V AC ±10 % (continuous)/pure sine wave ~
Total distortion factor	5 %
Frequency	50 Hz ±5%
Max. starting current	24 A
Continuous output	2,000 W
Peak power	2,200 W
Engine output	4.0 (5.5) kW (PS)
Operating mode/fuel	Normal unleaded ROZ 91 petrol
Power consumption	max. 1.2 l/h
Sound level at 7 metres	60 dBA
Guaranteed sound level	86 dBA
Size (W x H x D)	530 x 290 x 385 mm
Width with suspension	640 mm
Housing finish	Stainless steel
Weight	50 kg
12-volt output for battery charging	yes, with optional charging regulator
Quality features	Automatic low-oil cut-off, electrical starter, short circuit protection, soundproofed operation via external control panel
Test marks	E3

Product	Ref. No.
Dometic T 2500H	9102900005
/ Optional extras	
Plastic petrol tank with lock cap and fuel reserve float, 15 litres	9102900009
Plastic petrol tank with supports and feed-mouth incorporated, 15 litres	9102900010
20-litre stainless steel tank	9102900011
Hose set	9102900003
Flexible metal hose 25 mm, 2 m	9102900137
Flexible metal hose 25 mm, 5 m	9102900138
Battery charging regulator	9102900014
Floor chimney	9102900023
Change-over switch (generator / mains)	9102900013

DOMETIC TEC 60EV

3.39

6.2 kW generator for 230 volts AC, fuelled by regular unleaded petrol



Output voltage	230 V AC ±1 % (continuous)/pure sine wave ~
Total distortion factor	< 3 %
Frequency	50 Hz ±1%
Max. starting current	85 W
Continuous output	6,200 W
Peak power	6,500 W
Engine output	6,0 (8,9) kW (PS)
Operating mode/fuel	Unleaded petrol
Power consumption	max. 3.7 l/h
Sound level at 7 metres	66 dBA
Guaranteed sound level	90 dBA
Size (W x H x D)	626 x 474 x 544 mm
Housing finish	Stainless steel
Weight	112 kg
Auto-start function	●
12-volt output for battery charging	●
Quality features	Low-oil cut-off, electrical starter, overload and short-circuit protection, sound insulation, operation via external control panel, alarm functions, variable generator speed
Test marks	E13

Product	Ref. No.
Dometic TEC 60EV	9102900303
/ Optional extras	
Plastic petrol tank with lock cap and fuel reserve float, 15 litres	9102900009
Plastic petrol tank with supports and feed-mouth incorporated, 15 litres	9102900010
20-litre stainless steel tank	9102900011
Hose set	9102900003
Flexible metal hose 25 mm, 2 m	9102900137
Flexible metal hose 25 mm, 5 m	9102900138



ELECTRONIC ACCESSORIES

ACCESSORIES FOR COOLERS AND REFRIGERATORS – COOLING WITHOUT COMPROMISE

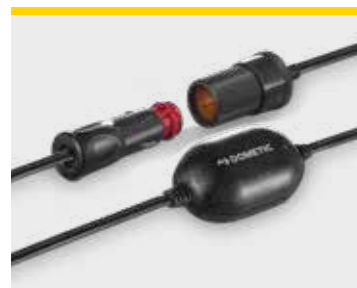
No need to accept any restrictions in the use of your cooling box, even if you have a simple or older make. CoolPower accessories give you plenty of flexibility. You can run a 12-volt device from a 24-volt

battery or from a mains supply. You can also connect a clever device to prevent excessive battery drainage.

DOMETIC COOLPOWER M 50U

3.16

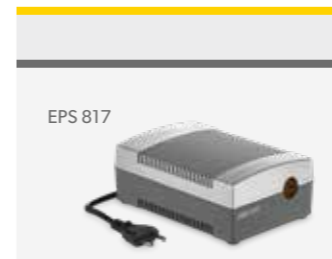

Battery monitor for universal 12 V applications

	Output voltage	12 V
	Output current	5 A
	Continuous power at 25°C	65 W
	Weight	0.12 kg
Product		Ref. No.
Dometic CoolPower M 50U		960000446

DOMETIC COOLPOWER EPS 817 / EPS 100

3.16

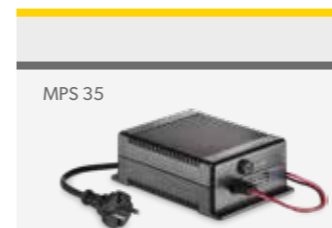

Mains adapter, from 230 V to 12 / 24 V

	EPS 817	EPS 100	
	Input voltage	230 V AC / 50 Hz	230 V AC
	Output voltage	13 V DC	25 V DC
	Continuous load	6 A	–
	Battery voltage	60 mA	12 / 24 V DC
	Dimensions (W x H x D)	115 x 64 x 170 mm	115 x 65 x 185 mm
	Weight	0.6 kg	0.7 kg
	Product		Ref. No.
	Dometic CoolPower EPS 817		9600000439
	Dometic CoolPower EPS 100		9600000440

DOMETIC COOLPOWER MPS 35 / MPS 50 / MPS 80

3.16

Mains adapter, connects 24 V appliances to 110–240 V mains

	MPS 35	MPS 50	MPS 80	
	Input voltage	110 – 240 V AC	110 – 240 V AC	110 – 240 V AC
	Continuous power at 25 °C	110 W	150 W	252 W
	Output voltage	25 V DC	27 V DC	27 V DC
	Output current	3 A	6 A	9 A
	Battery voltage	12 / 24 V DC	12 / 24 V DC	12 / 24 V DC
	Dimensions (W x H x D)	115 x 55 x 160 mm	120 x 70 x 200 mm	120 x 70 x 200 mm
	Weight	0.7 kg	1 kg	1 kg
	Product			Ref. No.
	Dometic CoolPower MPS 35			9600000445
	Dometic CoolPower MPS 50			9600000441
	Dometic CoolPower MPS 80			9600000442



LED LIGHTS FROM DOMETIC

ELEGANT AND ENERGY-SAVING

In close cooperation with leading vehicle manufacturers we have created attractive lighting solutions for motorhomes and caravans. Most of them are based on state-of-the-art LED technology, which saves up to 90 % energy compared to conventional halogen lamps and gives a much longer battery running time in off-mains operation.

The Dometic lighting range includes recessed spotlights for neat integration in ceilings and walls, surface-mounted spots that can be turned and swivelled to the optimal angle, and a collection of low-

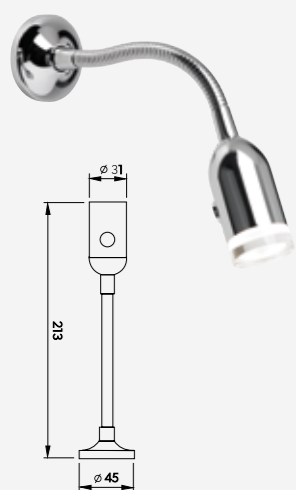
profile LED modules in different shapes and sizes. From reading lamps and kitchen cabinet lighting to access lights and pleasant ambient lighting – our light designers have thought of everything.

This catalogue presents a small selection of our products for retrofitting. Pick what suits your idea of a perfectly illuminated vehicle, and get in touch if you want more inspiration.

DOMETIC L70TM

3.35

LED swan neck lamp with touch switch

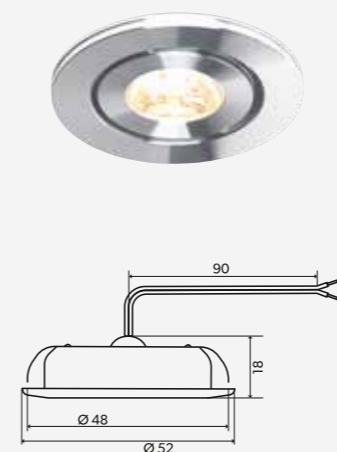


Voltage	10 – 15 V DC
Power input	3 W + 0.2 W (night light)
Energy consumption in 1000 h	3 kWh
Energy class	A+
Luminous flux	160 lm
Lifetime	25000 h
Light colour	warm white (3000 K)
Material	metal
Dimensions	230 x 60 mm
Quality features	Includes blue night light. Ideal for bedroom and living areas. Elegant chrome looks, concealed screw fasteners.
Product	Ref. No.
L70TM	9106506321

DOMETIC L100RM

3.35

Swivelling LED spot for recessed mounting

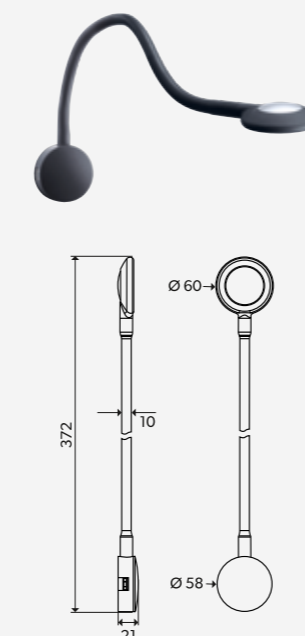


Voltage	12 V DC
Power input	1.4 W
Energy consumption in 1000 h	1.4 kWh
Energy class	A+
Luminous flux	90 lm
Lifetime	25000 h
Light colour	warm white (3000 K)
Material	aluminium/plastic
Dimensions	Ø 53 mm x 22 mm
Quality features	Precision turned, with optical lens. Trendy design. Dimmable.
Product	Ref. No.
L100RM	9106506655

DOMETIC L80TM

3.35

LED swan neck lamp




Voltage	10 – 15 V DC
Power input	2 W
Energy consumption in 1000 h	2 kWh
Energy class	A
Luminous flux	120 lm
Lifetime	30000 h
Light colour	warm white (3000 K)
Material	plastic/metal
Dimensions	Length: 372 mm, spot head: Ø 60 mm, base: Ø 58 mm
Quality features	From high-quality plastic material, pleasant to the touch. Lamp base integrates two USB charging ports (1 A and 2 A). Convenient touch sensor. Requires 18 W or more for simultaneous operation of light, 1 A and 2 A USB ports.
Product	Ref. No.
L80TM	9106506669

DOMETIC L99RM

3.35


2-in-1 LED spot for surface or recessed mounting

	Voltage	10 – 15 V DC
	Power input	2 W
	Energy consumption in 1000 h	2 kWh
	Energy class	A+
	Luminous flux	130 lm
	Lifetime	50000 h
	Light colour	white (3600 K)
	Material	aluminium/plastic
	Dimensions	Ø approx. 64 mm Surface mounted version: Ø 62 mm x 18 mm Recessed mounted version: Ø 62 mm x 14 mm
	Quality features	Detachable splash-proof inlay in pale blue. Gives a consistent light. Patented design – can be dimmed and switched on or off simply by touching the housing
Product		Ref. No.
L99RM		9106506668

DOMETIC DTO-03

3.35


DTO LED module

	Voltage	10 – 15 V DC
	Power input	3 W
	Energy consumption in 1000 h	3 kWh
	Energy class	A
	Luminous flux	140 lm
	Lifetime	50000 h
	Light colour	warm white (3000 K)
	Material	aluminium/metal
	Dimensions	100 x 100 x 5 mm
	Quality features	Extremely low profile. Very consistent light, dimmable. Supplied incl. adhesive pad and screw fasteners
Product		Ref. No.
DTO-03		9106506660

DOMETIC DTO-06

3.35


DTO LED module

	Voltage	10 – 15 V DC
	Power input	6 W
	Energy consumption in 1000 h	6 kWh
	Energy class	A
	Luminous flux	330 lm
	Lifetime	50000 h
	Light colour	warm white (3000 K)
	Material	aluminium/metal
	Dimensions	200 x 100 x 5 mm
	Quality features	Extremely low profile. Very consistent light, dimmable. Supplied incl. adhesive pad and screw fasteners
Product		Ref. No.
DTO-06		9106506661

DOMETIC DTO-09

3.35


DTO LED module

	Voltage	10 – 15 V DC
	Power input	9 W
	Energy consumption in 1000 h	9 kWh
	Energy class	A
	Luminous flux	475 lm
	Lifetime	50000 h
	Light colour	warm white (3000 K)
	Material	aluminium/metal
	Dimensions	300 x 100 x 5 mm
	Quality features	Extremely low profile. Very consistent light, dimmable. Supplied incl. adhesive pad and screw fasteners
Product		Ref. No.
DTO-09		9106506662

DOMETIC DTO-01

3.35


DTO LED module

	Voltage	10 – 15 V DC
	Power input	2 W
	Energy consumption in 1000 h	2 kWh
	Energy class	A
	Luminous flux	100 lm
	Lifetime	50000 h
	Light colour	warm white (3000 K)
	Material	aluminium/metal
	Dimensions	100 mm per side x 5 mm
	Quality features	Extremely low profile. Very consistent light, dimmable. Supplied incl. adhesive pad and screw fasteners
Product		Ref. No.
DTO-01		9106506663

DOMETIC SMP301-07

3.35

Switching power supply for 12 V devices – with integrated battery charger

	Input/output	230 V AC / 12 V DC	
	Charging current	15 A up to 12.7 V DC; 5 A from 12.8 V DC	
	Maximum output	350 W	
	Dimensions	250 x 210 x 60 mm	
	Weight	1.2 kg	
	Quality features	Supplies lights and other comfort devices with 12 V DC and recharges the batteries. Mains priority circuit gives priority to 230 V mains power as soon as it is available. Battery charger suitable for all types of lead batteries: lead-acid, gel, AGM, 5 electric circuits, Battery charger function: for all types of lead batteries up to 300 Ah	
	Product		Ref. No.
	SMP301-07		9106506667