

How do TEC generators differ from T series generators?

First of all, they differ in the accuracy of the pure sine wave voltage they produce: microprocessor controlled with 1% total harmonic distortion for the TEC series, mechanically controlled with 10% total harmonic distortion for the T series. The generators TEC 29, TEC 29LPG and TEC 60, given their variable RPM, have a lower noise level and consume less fuel. Fitted with permanent magnets the TEC models are considerably lighter in weight and only half the size of comparable T series models.

TEC series

- | 230 volts pure sine wave output voltage (microprocessor controlled, $\pm 1\%$ THD)
- | Variable generator RPM (TEC 29, TEC 29LPG and TEC 60): economical fuel consumption, low noise level



Variable RPM

T series

- | 230 volts pure sine wave output voltage (mechanically controlled, $\pm 5\%$ THD)
- | Fixed generator RPM: higher fuel consumption and higher noise level than with TEC series



Fixed RPM

- | Generator with permanent magnets: light weight, compact design (half the size but more power)
- | Electronic remote control panel displays useful operating parameters
- | Conventional generator: heavier and larger than the TEC generators with permanent magnets
- | Mechanical remote control panel displays useful operating parameters

All features of the TEC series on a view (T series see p. 12)

- | **High continuous output:** 2.6 kW (TEC 29 / TEC 29LPG), 2.5 kW (TEC 30EV), 3.5 kW (TEC 40D), 6.0 kW (TEC 60)
- | **Pure 230-volt sine wave output voltage** (microprocessor controlled, $\pm 1\%$ accuracy)
- | **Suitable for sensitive electronic appliances**
- | **Low fuel consumption, generator rpm adjusts to the load applied**
- | **Auto-start function for automatic recharging of batteries** (12 volts via charging output of the generator, 12/24 volts via external 230-volt battery charger)
- | **Robust design in stainless steel cabinet**
- | **Easy operation with illuminated multi-information display showing all essential operating parameters**
- | **High operating safety** with integrated alarm functions
- | **Engines in brand-name quality** (Honda, HATZ) with a European-wide service network

Generators

	TEC 29	TEC 29LPG	TEC 30EV	TEC 40D	TEC 60	T 2500H	T 4000H	T 5500H
Output voltage/curve	230 volts AC $\pm 1\%$ (continuous) / pure sine wave 					230 volts AC $\pm 10\%$ / pure sine wave 		
Total distortion factor	1 %				< 3 %		5 %	
Frequency (Hz)	50 ± 1 %					50 ± 5 %		
Max. starting current (A)	33		45		85		58	
Continuous output (watts)	2600		2500		3500		4500	
Peak performance (watts)	2900		3900		7000		5300	
Engine output / type	4,0 kW / 5,5 PS / Honda GX160		3,3 kW / 4,5 PS / HATZ 1B20V		4,7 kW / 6,4 PS / HATZ 1B30V		8,7 kW / 11,8 PS / Honda GX390	
Fuel	Normal unleaded RON 91 petrol		LPG with min. 60% propane		Diesel		Normal unleaded RON 91 petrol	
Consumption	max. 1,2 l/h		max. 1,0 kg/h		max. 0,7 l/h		max. 1,4 l/h	
Sound level at 7 m (dBA)	54 to 59		60		64		66	
Guaranteed sound level (dBA)	86		84		89		90	
Dimensions W x H x D (mm)	480 x 290 x 385		465 x 465 x 466		765 x 457 x 467		625 x 541 x 446 (plus electronic box)	
Width with suspension W x H x D (mm)	580		572		765		679	
Weight (kg)	44,0		70		96,5		102,0 (incl. electronic box)	
Quality features	Remote control, 12-volt output for battery charging, auto-start function for automatic recharging of batteries, automatic low-oil cut-off, electrical starter, electrical starter, protected against overload and short circuit, silencer housing					Remote control, 12-volt output for battery charging, automatic low-oil cut-off, electrical starter, electronic ignition, electrical starter, protected against overload and short circuit, silencer housing Domestic T 5500H: integrated fuel tank (15 litres)		
Test marks	E-certified (Automotive EMC Directive)							

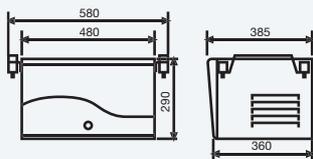


Dometic TEC 29 / TEC 29LPG**3.39**

2.6 kW petrol generator / 2.6 kW gas generator – for generating 230 volts of alternating current



Dimensions (mm)



	TEC 29	TEC 29LPG
Output voltage/curve	230 volts AC $\pm 1\%$ (continuous) / pure sine wave	
Total distortion factor	1 %	
Frequency	50 Hz $\pm 1\%$	
Max. starting current	33 A	
Continuous output	2600 watts	
Peak performance	2900 watts	
Engine output / type	4.0 kW / 5.5 PS / Honda GX160	
Fuel	Normal unleaded ROZ 91	LPG with min. 60% propane
Consumption	max. 1.2 l/h	max. 1.0 kg/h
Sound level at 7 m	54 to 59 dBA	
Guaranteed sound level	86 dBA	
Dimensions (W x H x D)	480 x 290 x 385 mm	
Width with suspension	580 mm	
Weight	44.0 kg	
Quality features	Remote control, 12-volt output for battery charging, auto-start function for automatic recharging of batteries, automatic low-oil cut-off, electrical starter, protected against overload and short circuit, silencer housing	
Test marks	E-certified (Automotive EMC Directive)	

Scope of delivery: generator with remote control, exhaust pipe, silencer, assembly materials, assembly and operating instructions

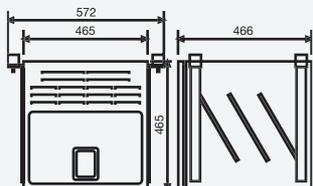
Product	Ref. No.
Dometic TEC 29	9102900200
Dometic TEC 29LPG	9102900179

Dometic TEC 30EV**3.39**

2.5 kW diesel generator – for generating 230 volts of alternating current



Dimensions (mm)



Output voltage/curve	230 volts AC $\pm 1\%$ (continuous) / pure sine wave
Total distortion factor	1 %
Frequency	50 Hz $\pm 1\%$
Max. starting current	33 A
Continuous output	2500 watts
Peak performance	2900 watts
Engine output / type	3.3 kW / 4.5 PS / HATZ 1B20V
Fuel	Diesel
Consumption	max. 0,7 l/h
Sound level at 7 m	60 dBA
Guaranteed sound level	84 dBA
Dimensions (W x H x D)	465 x 465 x 466 mm
Width with suspension	572 mm
Weight	70.0 kg
Quality features	as for TEC 29, with electronic box
Test marks	E-certified (Automotive EMC Directive)

Scope of delivery: generator with remote control, exhaust pipe, silencer, assembly materials, assembly and operating instructions

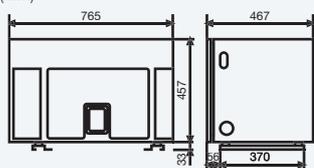
Product	Ref. No.
Dometic TEC 30EV	9102900033

Domestic TEC 40D

3.5 kW diesel generator – for generating 230 volts of alternating current

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Dimensions (mm)



Output voltage/curve	230 volts AC $\pm 1\%$ (continuous) / pure sine wave
Total distortion factor	1 %
Frequency	50 Hz $\pm 1\%$
Max. starting current	45 A
Continuous output	3500 watts
Peak performance	3900 watts
Engine output	4.7 kW / 6.4 PS / HATZ 1B30V
Fuel	Diesel
Consumption	max. 1,4 l/h
Sound level at 7 m	64 dBA
Guaranteed sound level	89 dBA
Dimensions (W x H x D)	765 x 457 x 467 mm
Width with suspension	765 mm
Weight	96.5 kg
Quality features	as for TEC 29
Test marks	E-certified (Automotive EMC Directive)

Scope of delivery: generator with remote control, exhaust pipe, silencer, assembly materials, assembly and operating instructions

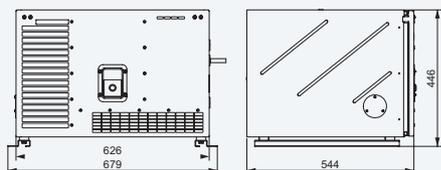
Product	Ref. No.
Domestic TEC 40D	9102900201

Domestic TEC 60

6.2 kW petrol generator – for generating 230 volts of alternating current

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Dimensions (mm)

**TEC 60**

Output voltage/curve	230 volts AC $\pm 1\%$ (continuous) / pure sine wave
Total distortion factor	< 3 %
Frequency	50 Hz $\pm 1\%$
Max. starting current	85 A
Continuous output	6200 watts
Peak output	7000 watts
Engine output / type	8.7 kW / 11.8 PS / Honda GX390
Fuel	Normal unleaded RON 91 petrol
Consumption	max. 3.7 l/h
Sound level at 7 m	66 dBA
Guaranteed sound level	90 dBA
Dimensions (W x H x D)	626 x 547 x 446 mm (plus electronic box)
Width with suspension	679 mm
Weight	102.0 kg incl. electronic box
Quality features	as for TEC 29, with electronic box
Test marks	E-certified (Automotive EMC Directive)

Scope of delivery: generator with remote control, exhaust pipe, silencer, assembly materials, assembly and operating instructions

Product	Ref. No.
Domestic TEC 60	9102900229

Accessories for generators

(select from comprehensive range of accessories, see accessory list in the annex to this chapter)

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Product	Ref. No.
15-litre plastic tank, AG 101	9102900009
20-litre stainless steel tank, AG 100	9102900011
Hose set for AG 100 / 101, AG 150	9102900003
Flexible metal hose 25 mm, AG 125	9102900020

230 volts sine wave voltage

T 2500 H – cost-efficient and reliable

Tried and tested petrol generator, compact in size and relatively light in weight. Reliable and economical operation, 2000 watts continuous output – fine for supplying several electrical devices at the same time. Suitable for operation of Dometic air conditioners FreshJet 1100, 1700 and 2200.

T 4000H – power for two

3500 watts of power on a continuous basis – enough for two air conditioners (e.g. FreshJet 1700, 2200 or B 3200). Or for other power-intensive devices

that need to be supplied with 230 volts alternating current on site. Powerful petrol motor (9.0 HP).

T 5500H – Power champion

4500 watts of power on a continuous basis, this T 5500H is capable to offer a peak output of 5300 watts. Ideal for utility vehicles, buses and market stalls. The integrated fuel tank holds 15 litres of unleaded petrol – for 4 to 5 hours of mains-independent operation.

- | **High continuous output: 2.0 kW** (T 2500H), 3.5 kW (T 4000H) or 4.5 kW (T 5500H)
- | **230-volt sine wave output voltage** (mechanically controlled, $\pm 10\%$ accuracy)
- | **Suitable for many sensitive electronic appliances**
- | **12-volt output for battery charging with optional charging regulator** (10 amps max.)
- | **Robust design in stainless steel cabinet**
- | **Remote control panel in the passenger compartment**
- | **Electronic ignition, electrical starter, automatic low-oil cut-off**
- | **Wide choice of accessories** (petrol tanks, exhaust extensions, silencers, etc.)
- | **Engines in brand-name quality** (Honda) with a European-wide service network

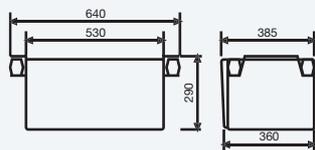
Dometic T 2500H

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2.0 kW unleaded petrol generator – for generating 230 volts of alternating current



Dimensions (mm)



Output voltage/curve	230 volts AC $\pm 10\%$ / pure sine wave
Total distortion factor	5 %
Frequency	50 Hz $\pm 5\%$
Max. starting current	24 A
Continuous output	2000 watts
Peak performance	2200 watts
Engine output / type	4,0 kW / 5,5 PS / Honda GX160
Fuel	Normal unleaded RON 91 petrol
Consumption	max. 1,2 l/h
Sound level at 7 m	60 dBA
Guaranteed sound level	86 dBA
Dimensions (W x H x D)	530 x 290 x 385 mm
Width with suspension	640 mm
Weight	50,0 kg
Quality features	Remote control, 12-volt output for battery charging, automatic low-oil cut-off, electrical starter, electronic ignition, electrical starter, protected against overload and short circuit, silencer housing
Test marks	E-certified (Automotive EMC Directive)

Scope of delivery: generator with remote control, assembly materials, assembly and operating instructions

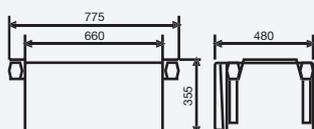
Product	Ref. No.
Dometic T 2500H	9102900005

Dometic T 4000H

3.5 kW unleaded petrol generator – for generating 230 volts of alternating current

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Dimensions (mm)



Output voltage/curve	230 volts AC $\pm 10\%$ / pure sine wave
Total distortion factor	5 %
Frequency	50 Hz $\pm 5\%$
Max. starting current	41 A
Continuous output	3500 watts
Peak performance	3800 watts
Engine output / type	6.6 kW / 9,0 PS / Honda GX270
Fuel	Normal unleaded RON 91 petrol
Consumption	max. 2.3 l/h
Sound level at 7 m	62 dBA
Guaranteed sound level	89 dBA
Dimensions (W x H x D)	660 x 355 x 480 mm
Width with suspension	775 mm
Weight	102.0 kg
Quality features	as for T 2500H
Test marks	E-certified (Automotive EMC Directive)

Scope of delivery: generator with remote control, assembly materials, assembly and operating instructions, silencer

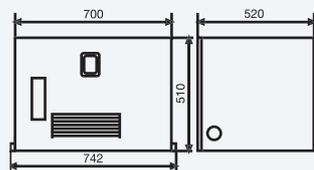
Product	Ref. No.
Dometic T 4000H	910290006

Dometic T 5500H

4.5 kW unleaded petrol generator – for generating 230 volts of alternating current

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Dimensions (mm)



T 5500H	
Output voltage/curve	230 volts AC $\pm 10\%$ / pure sine wave
Total distortion factor	5 %
Frequency	50 Hz $\pm 5\%$
Max. starting current	58 A
Continuous output	4500 watts
Peak performance	5300 watts
Engine output / type	9,6 kW / 13,0 PS / Honda GX390
Fuel	Normal unleaded RON 91 petrol
Consumption	max. 3,2 l/h
Sound level at 7 m	62 dBA
Guaranteed sound level	91 dBA
Dimensions (W x H x D)	700 x 510 x 520 mm
Width with suspension	742 mm
Weight	132,0 kg
Quality features	siehe T 2500H, integrierter Fuetltank (15 Liter)
Test marks	E-certified (Automotive EMC Directive)

Scope of delivery: generator with remote control, assembly materials, assembly and operating instructions, silencer

Product	Ref. No.
Dometic T 5500H	9102900037

Accessories for generators

(select from comprehensive range of accessories, see accessory list in the annex to this chapter)

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Product	Ref. No.
15-litre plastic tank, AG 101	9102900009
20-litre stainless steel tank, AG 100	9102900011
Hose set for AG 100 / 101, AG 150	9102900003
Flexible metal hose 25 mm, AG 125	9102900020
Battery charging regulator, AG 111	9102900014
Generator exhaust extension for T 2500H, AG 106	9102900023
Silencer for T 2500H, AG 139	9102900016