



Technical Specification

PANTHER 6000 Vehicle Generator



Reliable Power on the Go...

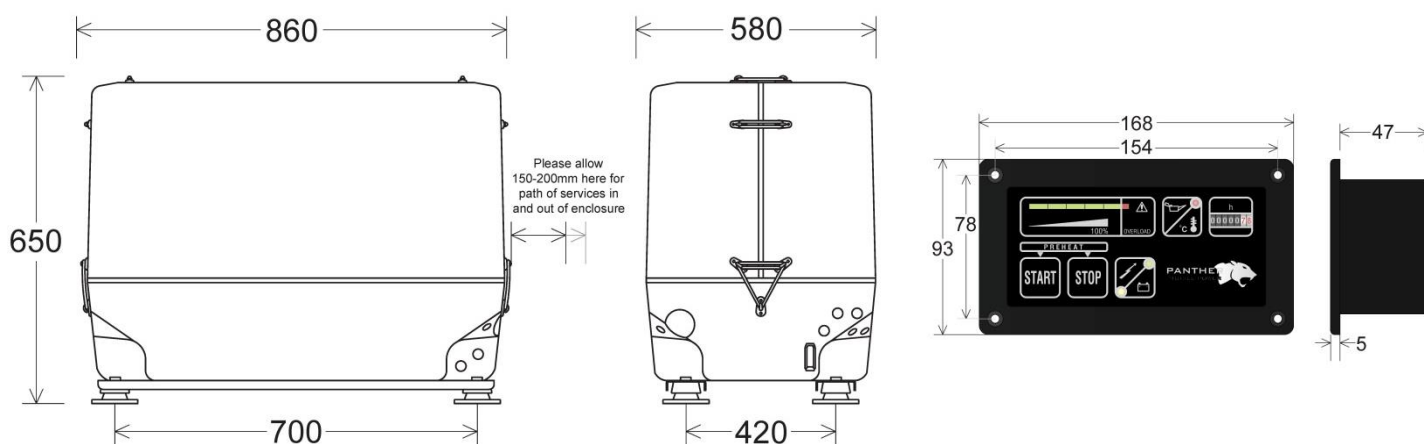
Panther vehicle generators provide a professional solution for power on the go. These lightweight, powerful generators are supplied in multi-stage sound-proof capsules, making them extremely quiet and compact. Based on marine systems manufactured by VTE in Italy, they benefit from over 80 years' experience in the manufacture of water cooled generators. Their robust design and reliability is essential for vehicles requiring continuous periods of high power 230VAC supply.

Specifications

Diesel engine	Lombardini LDW 502 with water-cooled exhaust muffler	Generator system	Water-cooled, skew cut, brushless, synchronous, AC
Engine size	2 cylinder, 505 cc	Generator cooling	Water-cooled using 316 L stainless steel housing
Continuous speed	3000 rpm	Start system	Electric, 12V, remote controlled
Output Voltage	230V / 50Hz	Specific fuel consumption	0.35 litre/kW/hour
Continuous mechanical power	6.5 kW	Start battery charging	12V - 8A
Continuous electrical power	6 kVA - 5 kW	Noise level	54 dB(A)
Peak current for start-up loads	70A (2 seconds)	Weight	220 kg
Cooling system	Roof/side mounted radiator	Remote control features	Hour meter, load indicator, auto shut off for low oil pressure and over temperature, indicators for mains power and start battery charging, 15 meter harness
Cooling pump	Direct engine driven centrifugal pump		

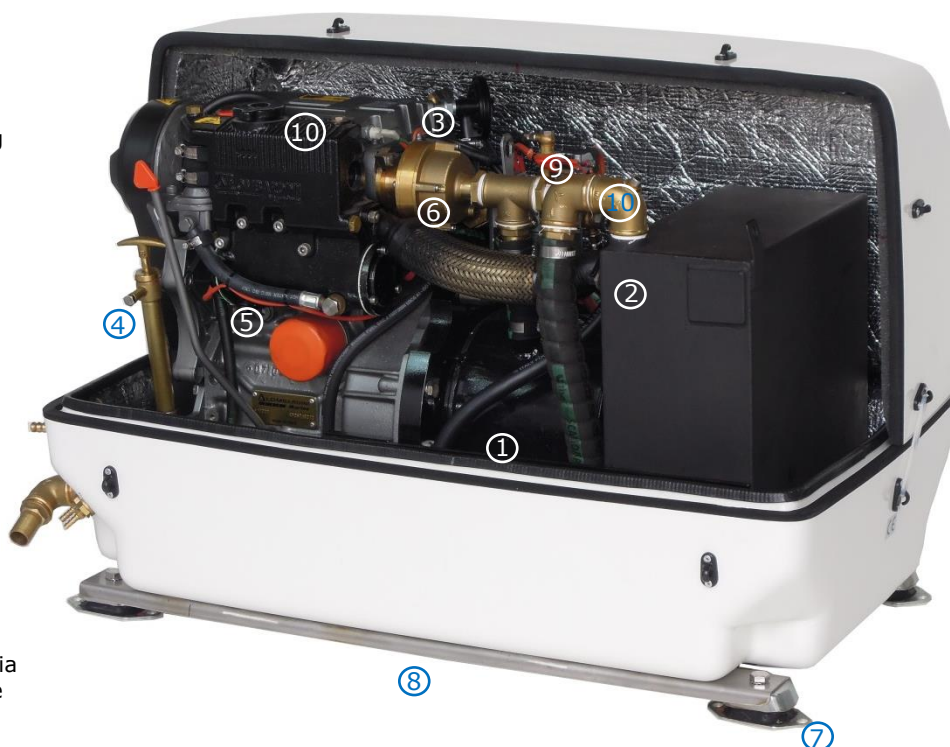
We reserve the right to change these specifications without notice

Dimensions



Key features

- Oversized, skew cut, brushless synchronous alternator produces a smooth sine wave with excellent start load capability.
- Water-cooled primary exhaust muffler mounted inside the sound capsule reduces exhaust sound and temperature.
- Self-priming, mechanical fuel lift pump self-bleeds and maintains a constant flow of fuel to the engine.
- Oil removal hand pump for easy, clean and quick oil changes.
- High temperature resistant wiring in silicone sleeve for long life and reliability.
- Space saving centrifugal water cooling pump directly driven by the engine for ease of installation.
- Dual anti-vibration system using four soft shock absorber mounts inside the capsule and four firm engine mounts outside. This reduces noise and vibration transmission across a wider frequency range.
- Air intake through capsule base via sound proof inlets enhances noise reduction.
- Cooling water pressure fill system to reduce air bubbles and aid filling.
- Bleed valves to vent filled cooling system.



9 Fernacre Business Park, Budds Lane,
Romsey, Hampshire, SO51 0HA
Tel: 01794 523900 Fax: 01794 523018
Web: www.advancevehiclepower.co.uk

