

DIESEL POWERED GENERATOR RANGE

VDL450 Series Generator

2 Year / 2000 Hour Warranty

450 kVA Standby / 409 kVA Prime Power

Powered by a Volvo Penta TAD series water-cooled, 1500 RPM, turbocharged diesel engine coupled to a Sincro 4-pole, brushless, Class H insulation, AVR voltage regulated alternator, the VDL450 Series is one of the market leaders in the medium range standby generator market. Combined with industry leading base frame, control panel, canopy and trailer designs, the VDL450 Series will provide years of hassle free ownership and class leading performance and reliability levels.



Standard Specification

Engine	Sweden	Alternator	Italy	Base Frame	South Africa
Manufacturer	Volvo Penta	Manufacturer	Sincro	Manufacturer	Predator
Model	TAD1242GE	Model	SK 450	Base Thickness	8mm channel
Standby Output	387 kW	Standby Output	490 kVA	Type	Skid Type
Prime Output	352 kW	Prime Output	450 kVA	Tank Capacity	1000 liters
Displacement	12130cc	Voltage Accuracy	<1%	Fuel Level Sensor	Yes
Cylinders	6 in line	Type	4-Pole, 1500 RPM	Batteries	Yes, 2 X DC 688
Aspiration	Turbocharged	Voltage	400/230V AVR	AV Mounts	Yes
Cooling	Water-cooled	Class	"H" insulation	Rigging Points	4 X lift points

Note: The generator is supplied without a control panel which is an optional extra. Please see options below.

Optional Equipment

- # **Base Load Control Panel** - for manual start/stop applications - SABS approved
- # **AMF Control Panel** - for automatic start/stop applications during mains failures - can also be used for manual start/stop applications - SABS approved
- # **Canopy** - sound attenuated and weather resistant enclosure for sound deadening and protection against the weather elements
- # **Mobile Trailer** - roadworthy high-speed towing trailer for mobility, SABS approved and supplied with temporary licence documents (for RSA only)
- # **Custom Build Designs** - for speciality applications, ie: extra long range fuel tanks, super silenced canopy enclosures etc.

Brief Technical Specification

Standby Rating	Prime Rating	Standby Load	Prime Load	Voltage Supply	Accuracy	Dimensions	Dry Weight
kVA	kVA	Amps	Amps	Volts @ Hz	%	mm	Kg
450	409	648 per phase	588 per phase	400/230 @ 50	< 1	4000x1500x2200	3250

Running Time On Full Tank	50% Load	100% Load
21 hours	11 hours	

Manufactured by



Powered by



Predator is a manufactured product of

C & R Industries cc

45 Piet Retief Rd, Queensmead Industrial Area,
Durban, Kwa-Zulu Natal, South Africa

Tel: + 27 31 463 1433 Fax: + 27 31 464 9930

Web: www.powerproducts.co.za E-mail: info@powerproducts.co.za

In line with our policy of continuous product development, we reserve the right to change our specifications without notice