Emergency generator as backup generator 600 kVA with Volvo engine TAD 1642 GE in RAL 9010 tank 800 liters

Completion:			
Generating Set:	**stationary**	**Gen Set:**	**silent Set**
Technical Data Engine:			
Engine Manufacturer:	Volvo Penta	**Engine Type:**	TAD 1642 GE-B
Engine No.:	201660329	**Engine Power:**	565 KW
Cooling:	water-cooled	**Starting:**	electrical 24 V DC
Rotation:	1500 rpm	**Fuel:**	heating oil EN 590
Technical Data Generator:			
Generator Manufacturer:	Stamford AvK	**Gen Set:**	HCI 544 F1
Gen No.:	X221355604	**Gen Power:**	670 kVA
Voltage:	400 / 231 Volt	**Power Factor:**	cos. - phi 0,8
Rotation:	1500 rpm		
Control Unit:			
Setup:	manual start	**Functions:**	emergency power
Switch:	gen switch 4 pole	**Delivery:**	set up
Width ca. mm:		**Depth ca. mm:**	
Height ca. mm:			
Tank			
Setup:			
Width ca. mm:		**Height ca. mm:**	
Depth ca. mm:		**Capacity / Litre:**	800
Dimensions of unit:			
Length ca. mm:	4.810	**Height ca. mm:**	2.460
Width ca. mm:	1.700	**Weigth ca. KG:**	6.500
Usage:			
State:	new	**year of manufacture:**	2023
time of delivery:	ex work	**Price plus VAT in ï¿½:**	on request:
Operating Hours:	1		
Location:	Verl - Germany		
Stock No:		**Reserved:**	nein / no

Delivery Contents:

New, soundproofed (69 db"A" (+/- 2.4) as the mean value of an all-round measurement at 7 measuring points) emergency power generator as backup power supply, designed for continuous operation around the clock.

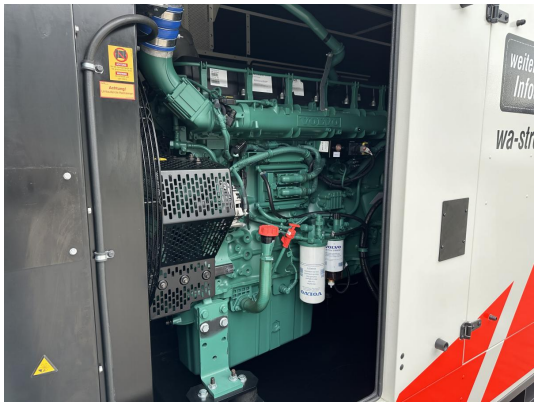
The silencer hood is modular with generous doors for maintenance.
The built-in emergency power control, manufacturer Comap, type IG 200 is designed for uninterrupted reverse synchronization overlapping synchronization with control of your on-site network generator switchover.

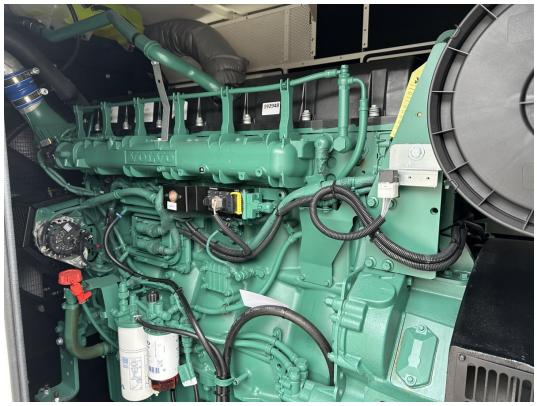
Internal day tank (800 liters) in the base frame with drip tray. Optionally with leakage monitoring

Fuel consumption according to Volvo data sheet:

Consumption at 50% approx. 59 liters / hour | sufficient for approx. 13.5 hours
Consumption at 75% approx. 89 liters / hour | sufficient for approx. 8.9 hours
Consumption at 100% approx. 120 liters / hour | sufficient for approx. 6.6 hours
-/-
Speed Control | Speed governor class Electronic G3
exhaust gas temperature | Exhaust gas temperature °C 471
exhaust gas volume flow | Exhaust gas volume m³/h 5,556
Combustion air volume flow | Combustion air volume m³/h 2,280
Maximum exhaust back pressure | Maximum allowed back pressure mbar 100
thermal energy / waste gas | Heat reaction to exhaust week 375
thermal energy / charge air | Heat reaction to charge air KW -/-
thermal energy / cooling water | Heat reaction to cooling water week 187
thermal energy / radiation | Heat reaction to ambient week 18
Cooling air volume flow | Cooling air flow m³/h 36,000

Product Images



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