

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:		Height ca. mm:	
Width ca. mm:		Capacity / Litre:	800
Depth ca. mm:			
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 1/2:	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





