

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

**liters**

**Completion:**

<b>Generating Set:</b>	<b>stationary</b>	<b>Gen Set:</b>	<b>silent Set</b>
<b>Technical Data Engine:</b>			
<b>Engine Manufacturer:</b>	Volvo Penta	<b>Engine Type:</b>	TAD 1642 GE-B
<b>Engine No.:</b>	201660329	<b>Engine Power:</b>	565 KW
<b>Cooling:</b>	water-cooled	<b>Starting:</b>	electrical 24 V DC
<b>Rotation:</b>	1500 rpm	<b>Fuel:</b>	heating oil EN 590
<b>Technical Data Generator:</b>			
<b>Generator Manufacturer:</b>	Stamford AvK	<b>Gen Set:</b>	HCI 544 F1
<b>Gen No.:</b>	X221355604	<b>Gen Power:</b>	670 kVA
<b>Voltage:</b>	400 / 231 Volt	<b>Power Factor:</b>	cos. - phi 0,8
<b>Rotation:</b>	1500 rpm		
<b>Control Unit:</b>			
<b>Setup:</b>	manual start	<b>Functions:</b>	emergency power
<b>Switch:</b>	gen switch 4 pole	<b>Delivery:</b>	set up
<b>Width ca. mm:</b>		<b>Depth ca. mm:</b>	
<b>Height ca. mm:</b>			
<b>Tank</b>			
<b>Setup:</b>		<b>Height ca. mm:</b>	
<b>Width ca. mm:</b>		<b>Capacity / Litre:</b>	800
<b>Depth ca. mm:</b>			
<b>Dimensions of unit:</b>			
<b>Length ca. mm:</b>	4.810	<b>Height ca. mm:</b>	2.460
<b>Width ca. mm:</b>	1.700	<b>Weigth ca. KG:</b>	6.500
<b>Usage:</b>			
<b>State:</b>	new	<b>year of manufacture:</b>	2023
<b>time of delivery:</b>	ex work	<b>Price plus VAT in 1/2:</b>	on request:
<b>Operating Hours:</b>	1		
<b>Location:</b>	Verl - Germany		
<b>Stock No:</b>		<b>Reserved:</b>	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**





