

**Emergency power generator as backup power supply Emergency power system 500 kVA with Volvo Penta engine and IG 200 control**

**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 1641 GE
<b>Engine No.:</b>	in Produktion	<b>Engine Power:</b>	430 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 C
<b>Gen No.:</b>	in Produktion	<b>Gen Power:</b>	500 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>	automatic start	<b>Functions:</b>	parallel operation
<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>	baseframe fuel tank with bassin	<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>	4.310	<b>Height ca. mm:</b>	2.460
<b>Width ca. mm:</b>	1.600	<b>Weigth ca. KG:</b>	5.800
<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>	neu		
<b>Location:</b>	Verl - Germany		
<b>Stock No:</b>		<b>Reserved:</b>	nein / no

**Delivery Contents:**

Sound-insulated emergency generator 70 db"A" (+/- 2.4) as the average of an all-round measurement at 7 measuring points. Seamless reverse synchronization control Overlap synchronization. Internal day tank in the base frame with drip pan.

Fuel consumption according to Volvo data sheet:

Consumption at 25% approx. 28.00 liters / hour | sufficient for approx. 28.5 hours  
 Consumption at 50% approx. 51.50 liters / hour | sufficient for approx. 15.5 hours  
 Consumption at 75% approx. 76.20 liters / hour | sufficient for approx. 10.4 hours  
 Consumption at 100% approx. 103.10 liters / hour | enough for about 8 hours

**Product Images**



