

**Emergency generator as backup generator 500 kVA with Scania engine DC 13 072 A 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>	Scania	<b>Engine Type:</b>	DC 13 072 A 02 14 ECU
<b>Engine No.:</b>	auf Anfrage	<b>Engine Power:</b>	440 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>	auf Anfrage	<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>		<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>	1.600	<b>Weigth ca. KG:</b>	5.000
<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:**

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 & data according to Scania data sheet:

Consumption at 25% approx. 26.00 liters / hour | sufficient for approx. 30.7 hours

Consumption at 50% approx. 50 liters / hour | sufficient for approx. 16 hours

Consumption at 75% approx. 71 liters / hour | sufficient for approx. 11.2 hours

Consumption at 100% approx. 100 liters / hour | enough for about 8 hours

-/-

Amount of lubricating oil: 38 liters

Lubricating oil consumption: 0.35 liters / hour max.

Amount of cooling water: 54 liters

-/-

Heat balance at 100% PRP performance:

Exhaust gas: 344 kW

Cooling water and oil 158 kW

Radiation 39 kW

LLK charge air cooling intercooler 104 kW

-/-

Exhaust volume: 36 KG / minute

Exhaust gas temperature 563°C

Maximum back pressure: 10 kPa (0.1 bar)

**Product Images**





