

Emergency generator as backup generator 500 kVA with Scania engine DC 13 072 A in RAL 9010 tank 800

liters

Completion:

Generating Set:	stationary	Gen Set:	silent Set
Technical Data Engine:			
Engine Manufacturer:	Scania	Engine Type:	DC 13 072 A 02 14 ECU
Engine No.:	auf Anfrage	Engine Power:	440 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 C
Gen No.:	auf Anfrage	Gen Power:	500 kVA
Voltage:	400 / 231 Volt	Power Factor:	cos. - phi 0,8
Rotation:	1500 rpm		
Control Unit:			
Setup:	automatic start	Functions:	parallel operation
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:	1.600	Weight ca. KG:	5.000
Usage:			
State:	new	year of manufacture:	2023
time of delivery:	ex work	Price plus VAT in 1/2:	on request:
Operating Hours:	neu		
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 & 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



