

Emergency power system NSA as a backup power system with a nominal output of 300 kVA with Volvo Penta

engine TAD 842 GE parallel to the main

Completion:

Generating Set:	stationary	Gen Set:	silent Set
Technical Data Engine:			
Engine Manufacturer:	Volvo Penta	Engine Type:	TAD 842 GE
Engine No.:	in Produktion	Engine Power:	273 KW PRP 299 KW LTP
Cooling:	water-cooled	Starting:	electrical 12 V DC
Rotation:	1500 rpm	Fuel:	heating oil EN 590
Technical Data Generator:			
Generator Manufacturer:	Stamford AvK	Gen Set:	S4L1D-D
Gen No.:	auf Anfrage	Gen Power:	300 kVA
Voltage:	400 / 231 Volt	Power Factor:	cos. - phi 0,8
Rotation:	1500 rpm		
Control Unit:			
Setup:	automatic start	Functions:	emergency power
Switch:	gen switch 4 pole	Delivery:	set up
Width ca. mm:		Depth ca. mm:	
Height ca. mm:			
Tank			
Setup:	baseframe fuel tank with bassin		
Width ca. mm:		Height ca. mm:	
Depth ca. mm:		Capacity / Litre:	500
Dimensions of unit:			
Length ca. mm:	3.770	Height ca. mm:	2.370
Width ca. mm:	1.350	Weight ca. KG:	3.700
Usage:			
State:	new	year of manufacture:	2024
time of delivery:	ex work	Price plus VAT in t€ 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 type WA-VG 300 "S" as backup power supply, designed for continuous operation around the clock.

The silencer hood is modular with spacious lockable doors for maintenance.

The built-in emergency power control, manufacturer ComAp, type IntelliGen4 200 is designed for uninterrupted reverse synchronization overlapping synchronization with control of your on-site mains generator switchover.

Internal day tank (500 liters) in the base frame with drip tray. Optionally with leakage monitoring

Fuel consumption according to Volvo data sheet:

Fuel consumption 25% l/h 16.2
Fuel consumption 50% l/h 34.4
Fuel consumption 75% l/h 49.6
Fuel consumption 100% l/h 65.1

Autonomy at 75% of load h. ≈ 10 h

-/-

Engine Fluids and Equipment

Type Lubricant Oil SAE 15W40
Amount of lubricating oil: 27 litres
Type Coolant Antifreeze VCS (Yellow)
Amount of coolant: 51 liters
Battery capacity Ah 120
Number of batteries* 2 x 12 volt

-/-

Air Data & Energy Balance

Combustion air volume flow LTP: 16.2 m3/min
Cooling air flow LTP: 372 m3/min
Exhaust flow LTP: -/- m3/min
Exhaust gas temperature LTP: 495 °C
Max. exhaust back pressure kPa 10.00

Product Images





