

**Sold Emergency power generator as a sound-insulated emergency power system 1020 kVA with Baudoin**

**motor 12 M 26 F 1100 5**

**Completion:**

Generating Set:		Gen Set:		silent Set	
Technical Data Engine:					
Engine Manufacturer:	Baudoin	Engine Type:	12 M 26 G 1100 - 5		
Engine No.:	in Produktion	Engine Power:	889 KW		
Cooling:	water-cooled	Starting:	electrical 24 V DC		
Rotation:	1500 rpm	Fuel:	diesel oil EN 590		
Technical Data Generator:					
Generator Manufacturer:	Stamford AvK	Gen Set:	HCI 634 J		
Gen No.:	in Produktion	Gen Power:	1.020 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:					
Width ca. mm:		Height ca. mm:			
Depth ca. mm:		Capacity / Litre:			
Dimensions of unit:					
Length ca. mm:	5.800	Height ca. mm:	2.550		
Width ca. mm:	1.940	Weigth ca. KG:	11.500		
Usage:					
State:	demonstration set	year of manufacture:	2023		
time of delivery:	in production	Price plus VAT in iŁ%:	on request:		
Operating Hours:	2				
Location:	Verl - Germany				
Stock No:		Reserved:	nein / no		

**Delivery Contents:**

Emergency power system as an emergency generator for your reliable emergency power supply as a backup power system with a Baudouin industrial diesel engine with electronic speed control and a Stamford three-phase synchronous generator. Motor and generator are mounted elastically on a common skid frame. The cooler is pre-built with an electric motor. Installed in a modular soundproofing enclosure. Powder coated in RAL 9010

Consumption according to Baudoin data sheet

Fuel consumption approx. 50% (PRP) 106 l/h  
Fuel consumption approx. 75% (PRP) 150 l/h  
Fuel consumption approx. 100% (PRP) 207 l/h

Electronic controls standard  
Precision class control quality: G3  
Number of cylinders 12 in V shape  
Displacement: 31.8 liters  
Bore / Stroke 150mm x 150mm

Oil quantity 114.0 liters  
Coolant water volume 191 liters

Exhaust gas temperature 550 °C  
Exhaust volume 237 m³/min

Cooling air requirement 108,765 m³/min  
Combustion air requirement 4,926 m³/min

Cooling air requirement 87,012 m³/min  
Combustion air requirement 4,926 m³/min

Other additional features:

Internal automatic start-stop (type: AMF 25) with display of all important engine and generator messages. Functional indication digitally on the display. Generator switch 40 amps 4 poles integrated in the unit (generator). Internal battery charger 230 volts - 12 volts DC

Optionally available at extra cost:

Automatic start with mains & generator switching 4-pole

External emergency power switchgear for installation in the building and 4-pole mains generator switchover

Function: In the event of a power failure, the start command is sent to the diesel unit. When the nominal speed and nominal voltage are reached, the generator switch is switched on. When the mains returns, the automatic system monitors the mains voltage. When this is stable again, the system switches back to mains operation. The diesel unit is stopped after the cooling time and waits in automatic mode for the next power failure.

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The emergency power system as an emergency power supply is currently in production and available at short notice.