## Energietechnik für das 3. Jahrtausend



### Notstromaggregate » Stromerzeuger » 24 Std. Service

### Emergency power system ESP as backup power supply with a rated output of 510 kVA with MTU engine 10 V

#### 1600 G 20 F parallel to the mains

Generating Set: Technical Data Engine: Engine Manufacturer: Engine No.: Cooling: Rotation: Technical Data Generator: Generator Manufacturer: Gen No.: Voltage: Rotation: Control Unit: Setup:	### Stationary  MTU  1666000320  water-cooled  1500 rpm   Stamford AvK  N23F245346  400 / 231 Volt  1500 rpm  automatic start	Gen Set:  Engine Type: Engine Power: Starting: Fuel:  Gen Set: Gen Power: Power Factor:	silent Set  10 V 1600 G 20 F-3E 448 KW electrical 24 V DC heating oil EN 590  HCI 544 D1 510 kVA cos phi 0,8
Engine Manufacturer: Engine No.: Cooling: Rotation: Technical Data Generator: Generator Manufacturer: Gen No.: Voltage: Rotation: Control Unit: Setup:	1666000320 water-cooled 1500 rpm Stamford AvK N23F245346 400 / 231 Volt 1500 rpm	Engine Power: Starting: Fuel:  Gen Set: Gen Power: Power Factor:	448 KW electrical 24 V DC heating oil EN 590 HCI 544 D1 510 kVA
Engine No.: Cooling: Rotation: Technical Data Generator: Generator Manufacturer: Gen No.: Voltage: Rotation: Control Unit: Setup:	1666000320 water-cooled 1500 rpm Stamford AvK N23F245346 400 / 231 Volt 1500 rpm	Engine Power: Starting: Fuel:  Gen Set: Gen Power: Power Factor:	448 KW electrical 24 V DC heating oil EN 590 HCI 544 D1 510 kVA
Cooling: Rotation: Technical Data Generator: Generator Manufacturer: Gen No.: Voltage: Rotation: Control Unit: Setup:	water-cooled 1500 rpm Stamford AvK N23F245346 400 / 231 Volt 1500 rpm	Starting: Fuel:  Gen Set: Gen Power: Power Factor:	electrical 24 V DC heating oil EN 590 HCI 544 D1 510 kVA
Rotation: Technical Data Generator: Generator Manufacturer: Gen No.: Voltage: Rotation: Control Unit: Setup:	1500 rpm  Stamford AvK N23F245346 400 / 231 Volt 1500 rpm	Fuel:  Gen Set: Gen Power: Power Factor:	heating oil EN 590 HCI 544 D1 510 kVA
Technical Data Generator: Generator Manufacturer: Gen No.: Voltage: Rotation: Control Unit: Setup:	Stamford AvK N23F245346 400 / 231 Volt 1500 rpm	Gen Set: Gen Power: Power Factor:	HCI 544 D1 510 kVA
Generator Manufacturer: Gen No.: Voltage: Rotation: Control Unit: Setup:	N23F245346 400 / 231 Volt 1500 rpm	Gen Power: Power Factor:	510 kVA
Gen No.: Voltage: Rotation: Control Unit: Setup:	N23F245346 400 / 231 Volt 1500 rpm	Gen Power: Power Factor:	510 kVA
Voltage: Rotation: Control Unit: Setup:	400 / 231 Volt 1500 rpm	Power Factor:	
Rotation: Control Unit: Setup:	1500 rpm		cos phi 0,8
Control Unit: Setup:		Eunationa	
Setup:	automatic start	Functional	
•	automatic start	Eunotiona	
		runctions.	parallel operation
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:	990
Dimensions of unit:			
Length ca. mm:	4.860	Height ca. mm:	2.585
Width ca. mm:	2.060	Weigth ca. KG:	6.000
Usage:			
State:	new	year of manufacture:	2024
time of delivery:	ex work	Price plus VAT in �:	on request:
Operating Hours:	neu		
Location:	Verl - Germany		
Stock No:		Reserved:	nein / no

#### **Delivery Contents:**

Sound-insulated emergency power system NEA for outdoor installation as a backup power supply with a nominal output of 510 kVA with MTU motor 10 V 1600 G 20 F parallel to the mains

The built-in emergency power control is designed for uninterrupted reverse synchronization overlapping synchronization with control of your on-site mains generator switchover.

Internal day tank (990 litres) in the base frame with drip tray. Optionally with leakage monitoring

Fuel consumption according to MTU data sheet:

Fuel consumption 50% l./h 57 Fuel consumption 75% l./h 78 Fuel consumption 100% l./h 100

Autonomy at 75% of load h. ≈ 12 h

-/-

Engine Fluids and Equipment

Type Lubricant Oil SAE 15W40 Amount of lubricating oil: 60 litres

Battery capacity Ah 180 Number of batteries\* 2 x 12 volt

-/-

Air data & energy balance:

Combustion air flow rate PRP: 1620 m3/H Cooling air flow rate PRP: 34,920 m3/H

Exhaust flow PRP: 4,500 m3/H Exhaust gas temperature PRP: 520 °C Max. exhaust back pressure mbar: 85

Product Images





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