

SAPOTEC

Emergency power units

SAPAT-ENO0020P-CAAS-400-50

SAPOTEC offers you a complete product range in the field of emergency power generators. From analysis and project planning to installation and maintenance.

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Picture 1:

Data of the aggregate

General data	unity	
producer	-	SAPOTEC
type	-	SAPAT-ENO0020P
version	-	sound cover
power PRP	kVA	20
power LTP	kVA	22
rotational speed	1/min	1500
voltage	V	400/230
frequency	Hz	50
power factor	cos phi	0,8
color	RAL	5015
sound pressure level dBA in 7m (+/-3)	dBA	108

Dimensions and weight	unity	
length	mm	1600
hight	mm	1050
width	mm	700
weigth(incl. liquids in cooler and oil sump)	kg	490
tank type	-	basic frame tank
version	-	single-wall
tank capacity	ltr	50
content viewer	-	digital
autonomy	h	>12h @75%
transport possibility	-	stacker lugs

Engine specifications	unity	
nominal power in kWm	kW	18,4
producer	-	PERKINS
model	-	404A-22G1
injection type	-	directly
type of intake	-	turbo charger
cylinders, quantity or arrangement	-	4-L
bore and hub	mm	84x100
total displacement	ltr	2.216
fuel consumption 100% PRP	ltr/h	5,30
fuel consumption 75% PRP	ltr/h	4,00
fuel consumption 50% PRP	ltr/h	2,90
oil consumption (full load)	g/kWh	0,27
engine control	-	electronic

Generator	unity	
producer	-	Stamford
type	-	order-specific
pole	pieces	4
type of coupling	-	rigid
isolation class	-	H
mechanical protection class	-	IP23
alternator excitation	-	self inducted
voltage regulator	-	electronic
storage	-	ordinary

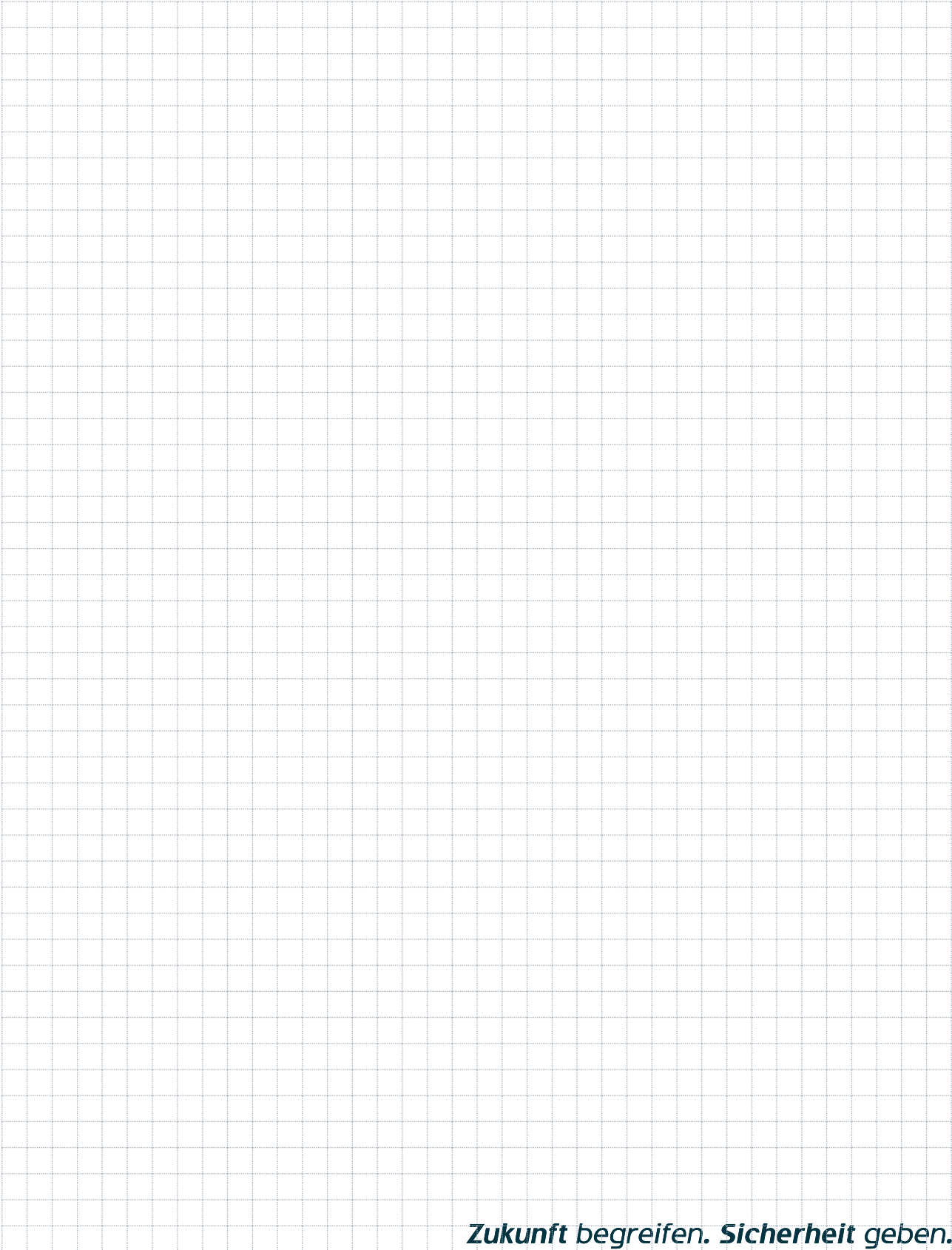
Exhaust system	unity	
exhaust class	-	STAGE IIIA
NOX	g/kWh	
CO	g/kWh	
dust	g/kWh	
exhaust gas diameter	mm	48
exhaust direction	-	vertical
exhaust silencer	-	yes

Control system	unity	
producer	-	ComAp
type	-	AMF9
application	-	auto Start/Stop
display	-	LCD
cabinet	-	integrated
power output	-	fixed connection
mains-/generator circuit-breaker	-	No/No
battery charger incl. fault reporting	-	Yes
pre-heating	-	Yes

Options	unity	
exits	-	No
tank heating	-	No
jalousie claps	-	No
trailer	-	No

Notes

Status 31.01.2021
editor DI (FH) Alexander Sautner
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