

SAPOTEC

Emergency power units

SAPAT-GH0200I-CASP 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.



Picture 1:

Data of the aggregate

General data	unity	
producer	-	SAPOTEC
type	-	SAPAT-GH0200I-CASP
version	-	sound cover
power PRP	kVA	200
power LTP	kVA	220
rotational speed	1/min	1500
voltage	V	400/230
frequency	Hz	50
power factor	cos phi	0,8
color	RAL	7035
sound pressure level dBA in 7m (+/-3)	dBA	68

Dimensions and weight	unity	
length	mm	3410
hight	mm	1980
width	mm	1360
weigth(incl. liquids in cooler and oil sump)	kg	2200
tank type	-	basic frame tank
version	-	single-wall
tank capacity	ltr	990
content viewer	-	digital
autonomy	h	20h @ 100%
transport possibility	-	stacker lugs

Engine specifications	unity	
nominal power in kWm	kWm	175
producer	-	IVECO
model	-	NEF 67TE3F
injection type	-	directly
type of intake	-	turbo charger
cylinders, quantity or arrangement	-	6-L
bore and hub	mm	104x132
total displacement	ltr	60,7
fuel consumption 100% PRP	ltr/h	45,5
fuel consumption 75% PRP	ltr/h	41,9
fuel consumption 50% PRP	ltr/h	29,9
oil consumption (full load)	g/kWh	0,2% des
maximum oil volume	ltr	17
total cooling liquid	ltr	25,5
engine control	-	electronic

Generator	unity	
producer	-	MeccAlte
type	-	ECO 38-2S4A
pole	pieces	4
type of coupling	-	rigid
isolation class	-	H
mechanical protection class	-	IP23
alternator excitation	-	self inducted
voltage regulator	-	electronic
storage	-	ordinary
nominal current	kVA	200/220
short-circuit current	%	300% In für 20sec

Exhaust system	unity	
exhaust class	-	STAGE3A
NOX	g/kWh	<4
CO	g/kWh	<3,5
dust	g/kWh	<0,2
maximum temperature exhaust mode	°C	488
flow rate exhaust mode	m³/h	1258
maximum acceptable back-pressure	Pa	5000
exhaust direction	-	vertical
exhaust silencer	-	Yes

Cooling system	unity	
air volume engine cooler	m³/h	13680
air volume generator cooler	m³/h	1920
combustion air	m³/h	1662
exhaust direction	-	vertical

Starter	unity	
starting battery	-	SAPOTEC
control battery	-	-
battery type	-	maintenance-free
auxiliary supply	VDC	24Vdc

Control system	unity	
producer	-	ComAp
type	-	Intelligen
application	-	net parallel / standalone
synchronisation	-	Yes
operation messages	pieces	No
display	-	LCD
remote start	-	Yes
remote maintenance	-	No
cabinet	-	integrated
power output	-	plug / powerlock
mains-/generator circuit-breaker	-	No/Yes
battery charger incl. fault reporting	-	Yes
pre-heating	-	Yes

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

Notes

Exits:

- 2 x 125A CEE
- 2 x 63 A CEE

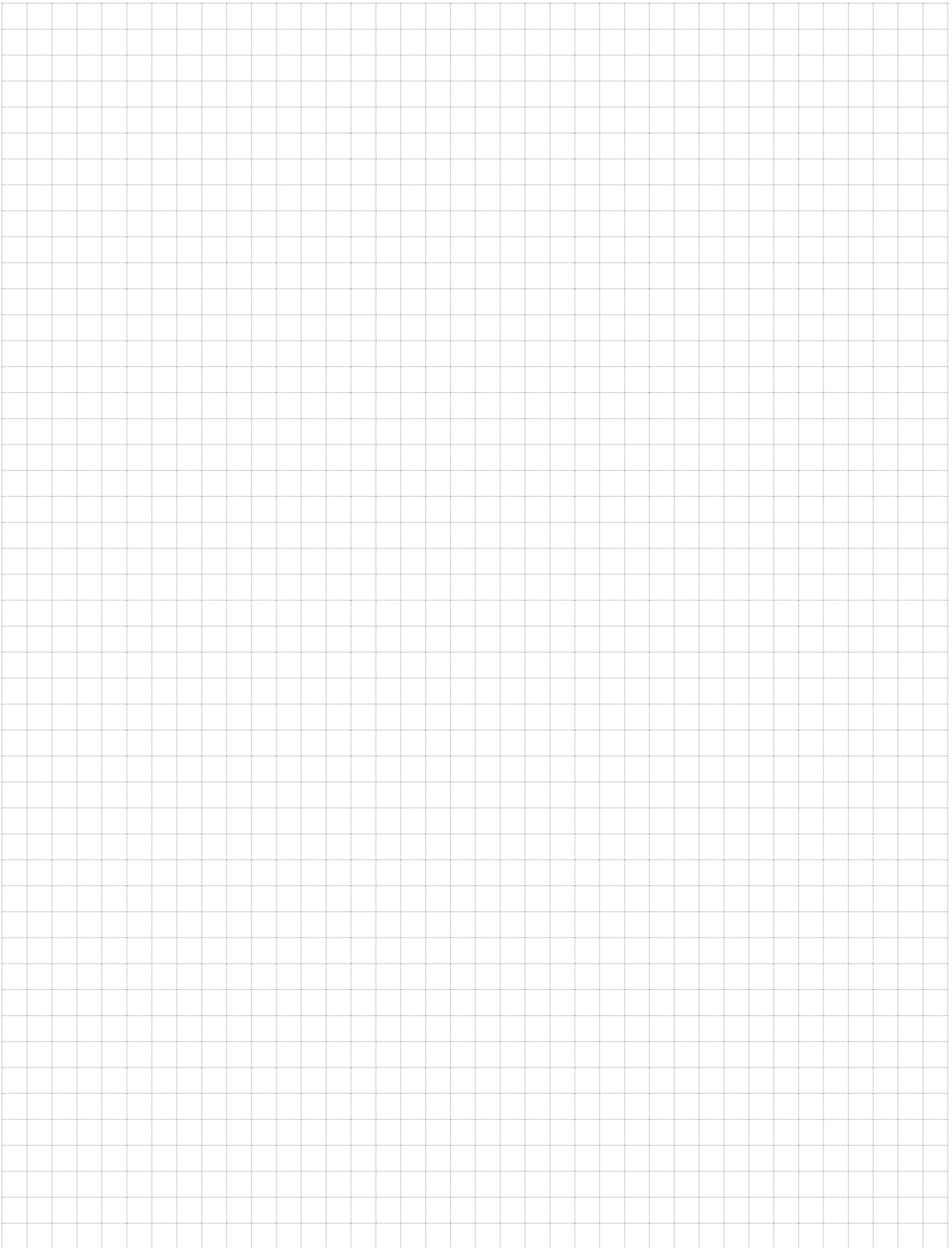
trailer:

- Tandem trailer according to STVO incl. crank props

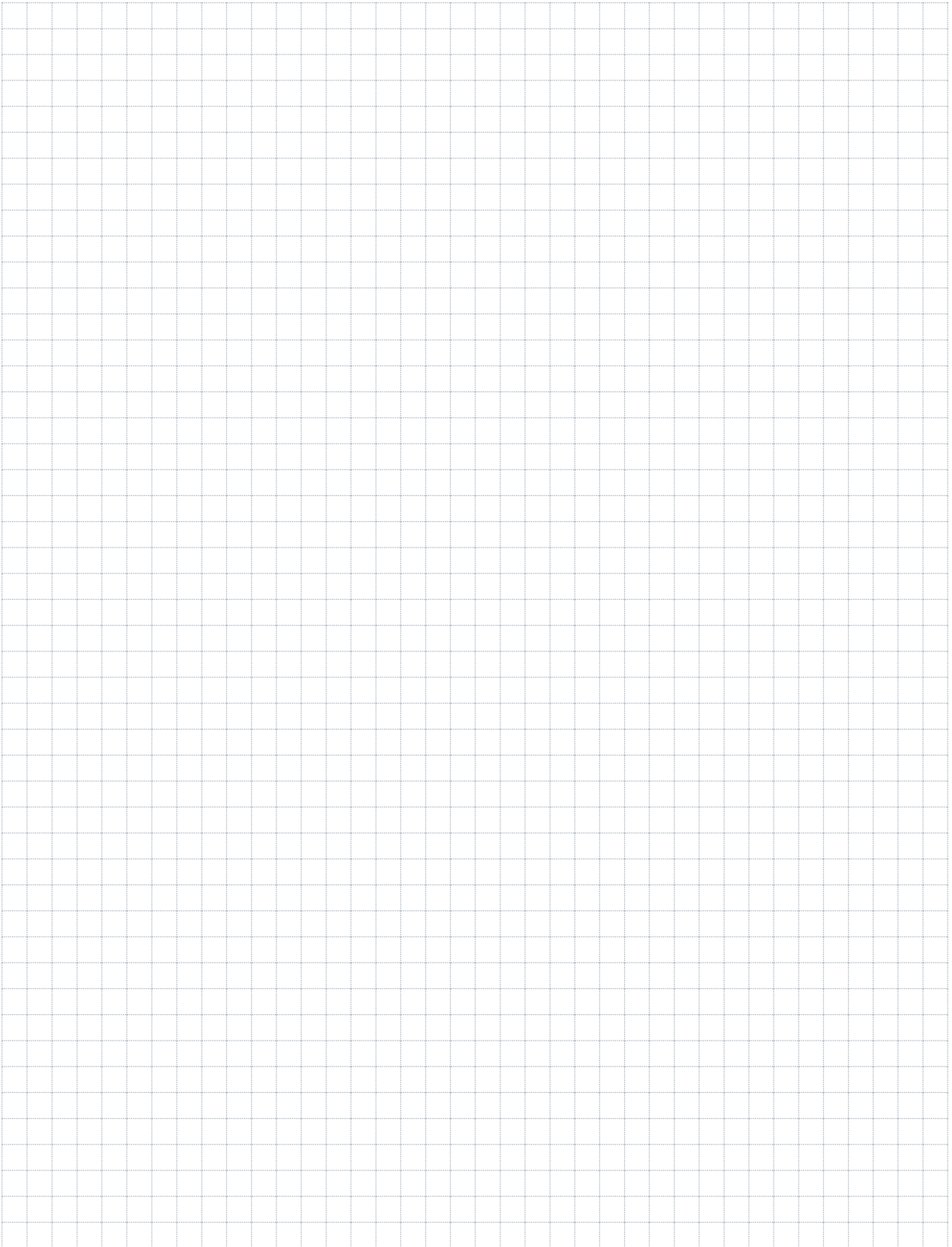
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