

# SAPOTEC

## Emergency power units

### SAPAT-GSH0060I-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-GSH0060I-CASP
version	-	sound cover
power PRP	kVA	60
power LTP	kVA	66
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	70

Dimensions and weight	unity	
length	mm	2.260
hight	mm	1.924
width	mm	1.000
weigth(incl. liquids in cooler and oil sump)	kg	1.400
tank type	-	basic frame tank
version	-	single-wall
tank capacity	ltr	999
content viewer	-	digital
autonomy	h	ca. 60 @ 100%
transport possibility	-	stacker lugs

Engine specifications	unity	
nominal power in kWm	kW	56,3
producer	-	IVECO
model	-	N45 SM1F
injection type	-	directly
type of intake	-	turbo charger
cylinders, quantity or arrangement	-	4-L
bore and hub	mm	104x132
total displacement	ltr	4,5
fuel consumption 100% PRP	ltr/h	16,7
fuel consumption 75% PRP	ltr/h	13,0
fuel consumption 50% PRP	ltr/h	9,5
oil consumption (full load)	g/kWh	0,1% des
maximum oil volume	ltr	12,8
total cooling liquid	ltr	18,5
engine control	-	electronic

Generator	unity	
producer	-	MECC ALTE
type	-	ECP32-2M4B
pole	pieces	4
type of coupling	-	rigid
isolation class	-	H
mechanical protection class	-	IP23
alternator excitation	-	self induced
voltage regulator	-	electronic
storage	-	ordinary

Exhaust system	unity	
exhaust class	-	STAGE IIIA
NOX	g/kWh	4,1
CO	g/kWh	1,96
dust	g/kWh	0,352
maximum temperature exhaust mode	°C	492
flow rate exhaust mode	m <sup>3</sup> /h	340
maximum acceptable back-pressure	Pa	5000
exhaust direction	-	vertical
exhaust silencer	-	Yes

Cooling system	unity	
air volume engine cooler	m <sup>3</sup> /h	7.920
air volume generator cooler	m <sup>3</sup> /h	720
combustion air	m <sup>3</sup> /h	289
exhaust direction	-	vertical

Starter	Einheit	
starting battery	-	SAPOTEC
control battery	-	SAPOTEC
battery type	-	maintenance-free
auxiliary supply	VDC	12Vdc

Control system	unity	
producer	-	ComAp
type	-	InteliCompact
application	-	net parallel
synchronisation	-	Yes
operation messages	pieces	No
display	-	LCD
remote start	-	Yes
remote maintenance	-	No
cabinet	-	integrated
power output	-	plug
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:

- 1 x CEE 63A

### trailer:

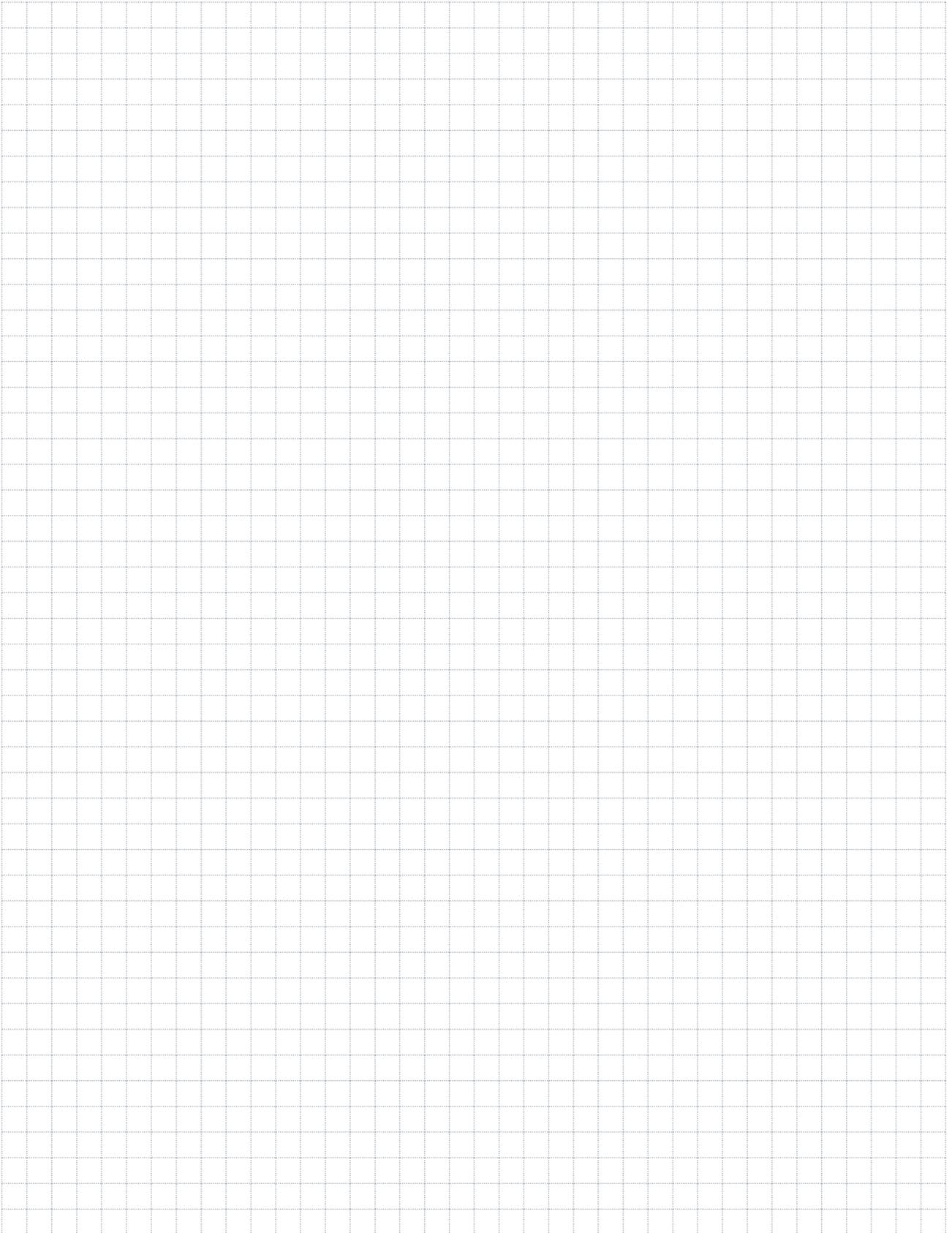
- Tandem trailer according to STVO incl. crank supports

Status 31.01.2021

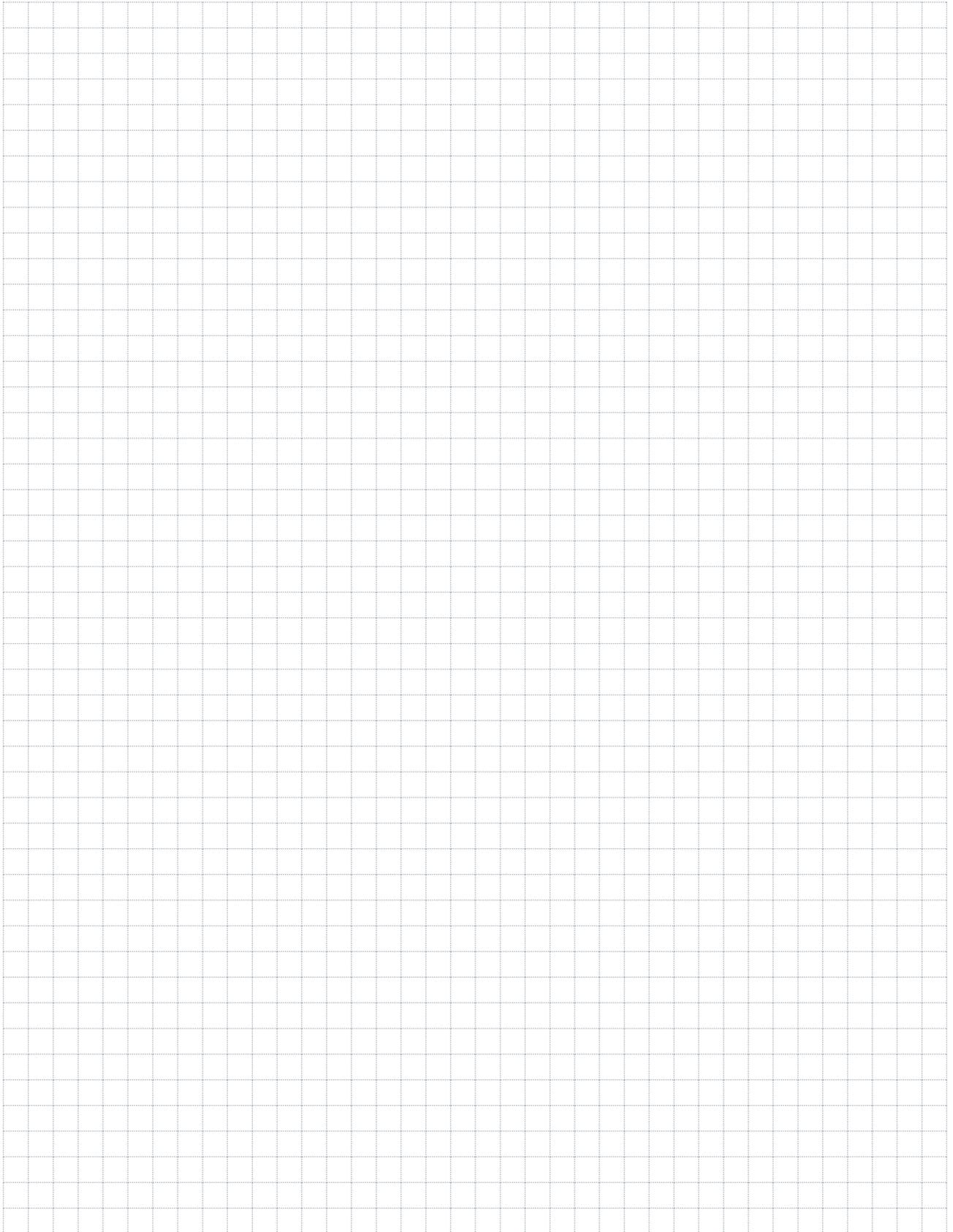
editor: DI (FH) Alexander Sautner

Sapotec Austria GmbH

Irrtümer und technische Änderungen vorbehalten.



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*Damit Strom fließt, Spannung bleibt und Energie entsteht!*



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