

# SAPOTEC

# Emergency power units

## SAPAT-GSS0250I-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-GSS0250I-CASP
version	-	sound cover
power PRP	kVA	250
power LTP	kVA	275
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	3910
hight	mm	2450
width	mm	1510
weigth(incl. liquids in cooler and oil sump)	kg	3450
tank type	-	basic frame tank
version	-	single-wall
tank capacity	ltr	990
content viewer	-	digital
autonomy	h	16h @ 100%
transport possibility	-	stacker lugs

Engine specifications	unity	
nominal power in kWm	kW	232
producer	-	IVECO
model	-	C87 TE3F
injection type	-	directly
type of intake	-	turbo charger
cylinders, quantity or arrangement	-	6-L
bore and hub	mm	117x135
total displacement	ltr	8,7
fuel consumption 100% PRP	ltr/h	61
fuel consumption 75% PRP	ltr/h	55
fuel consumption 50% PRP	ltr/h	35,7
oil consumption (full load)	g/kWh	0,2% des
maximum oil volume	ltr	28
total cooling liquid	ltr	63
engine control	-	eletronic

Generator	unity	
producer	-	MeccAlte
type	-	ECO 38-1L4A
pole	pieces	4
type of coupling	-	rigid
isolation class	-	H
mechanical protection class	-	IP23
alternator excitation	-	self induced
voltage regulator	-	electronic
storage	-	ordinary
nominal current	A	365
short-circuit current	%	300% In für 20sec

Exhaust system	unity	
exhaust class	-	STAGE IIIA
NOX	g/kWh	3,76
CO	g/kWh	0,53
dust	g/kWh	0,07
maximum temperature exhaust mode	°C	488
flow rate exhaust mode	m <sup>3</sup> /h	1258
maximum acceptable back-pressure	Pa	5000
exhaust direction	-	vertical
exhaust silencer	-	Yes

Cooling system	unity	
air volume engine cooler	m <sup>3</sup> /h	5,1
air volume generator cooler	m <sup>3</sup> /h	0,58
combustion air	m <sup>3</sup> /h	1025
exhaust direction	-	vertical

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

Control system	unity	
producer	-	ComAp
type	-	InteliComapct
application	-	net parallel
synchronisation	-	Yes
operation messages	pieces	8
display	-	LCD
remote start	-	Yes
remote maintenance	-	No
cabinet	-	integrated
power output	-	clamps
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

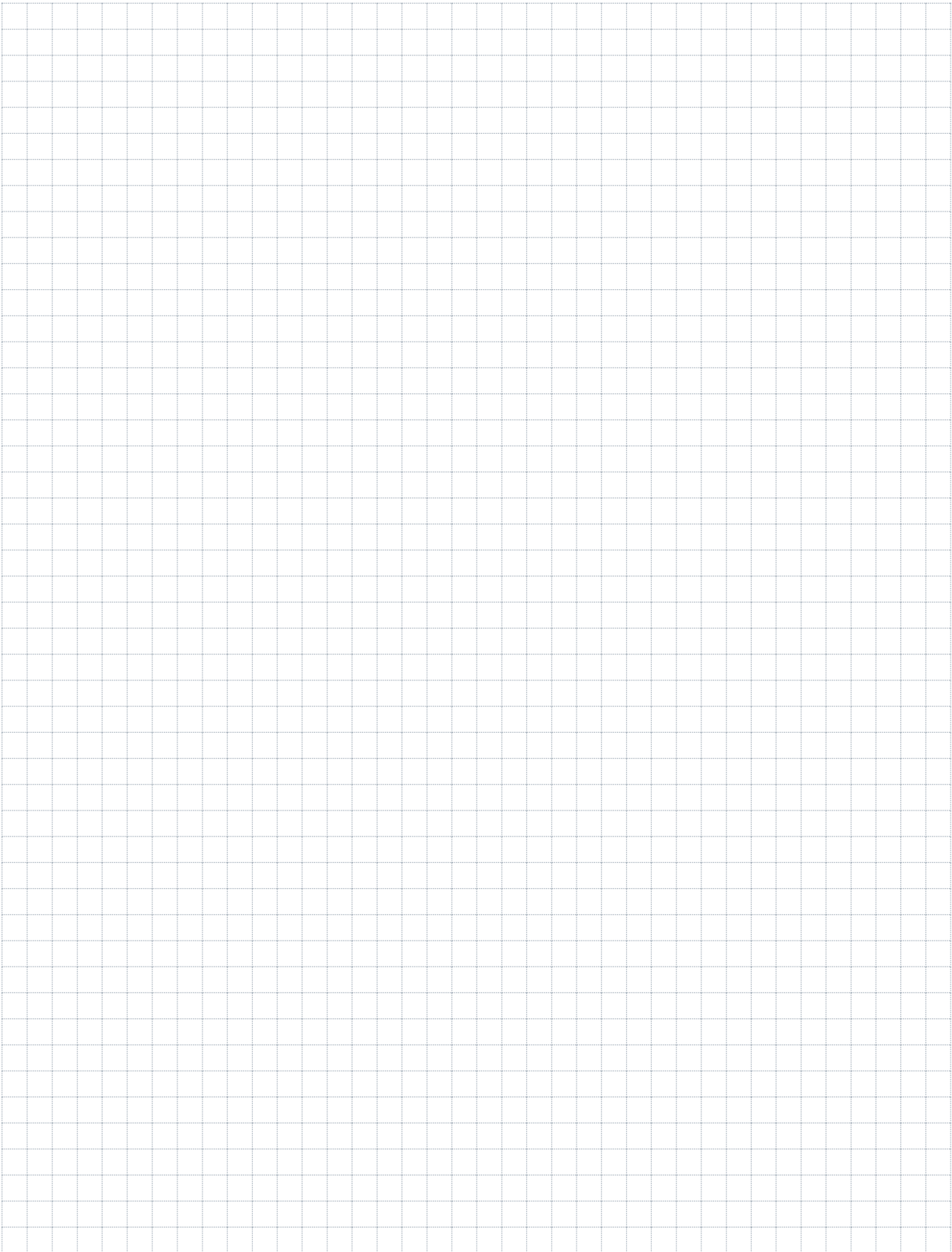
Special features:

- Base frame designed as a tight trough to hold all liquids, incl. leakage monitoring

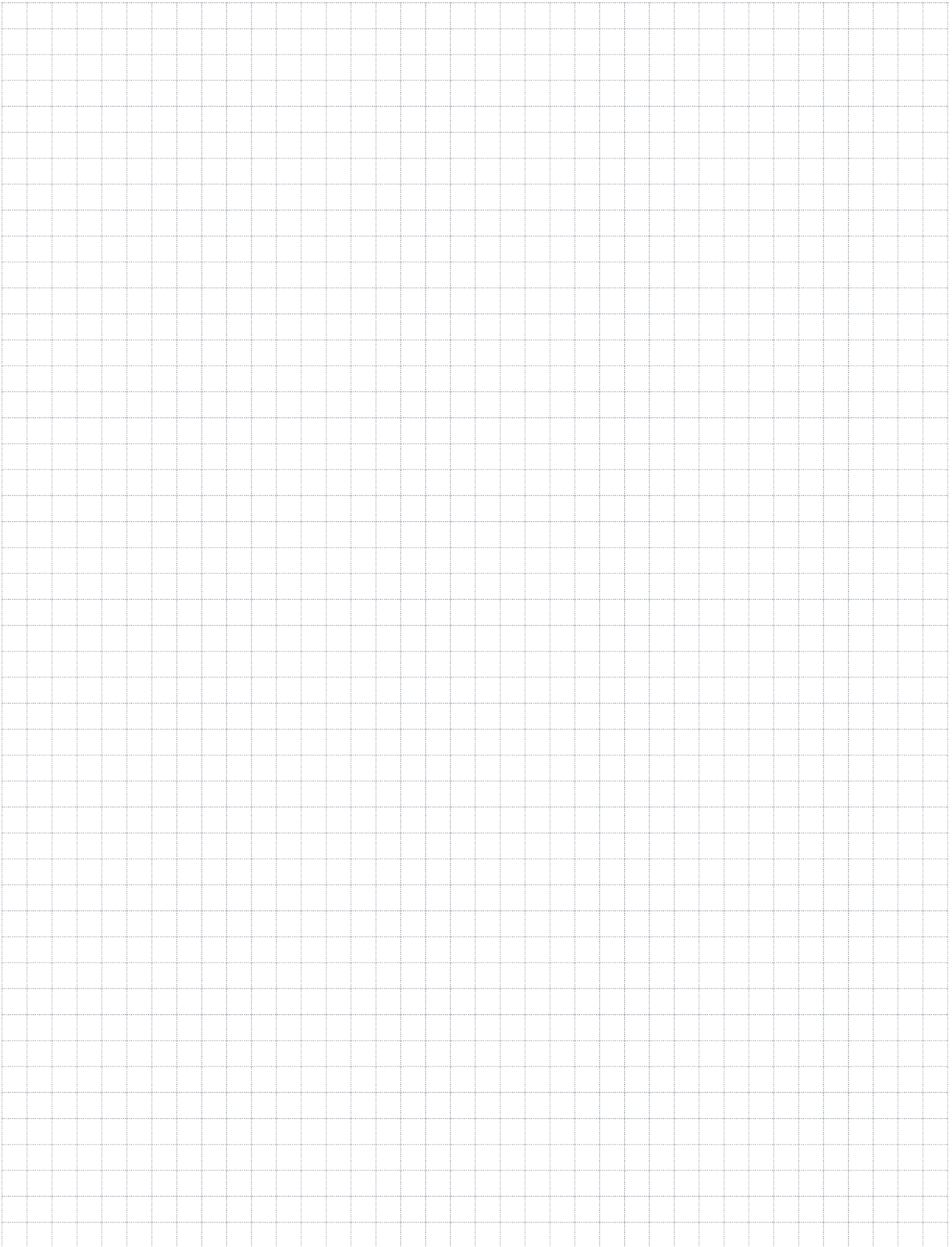
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Sapotec Austria GmbH



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



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