

SAPOTEC

Emergency power units

SAPAT-ES0100I-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.

MORE INFORMATIONS ON
WWW.SAPOTEC.AT



Data of the aggregate

General Data	unity	
producer	-	SAPOTEC
type	-	SAPAT-ES0100I
version	-	sound cover
power PRP	kVA	100
power LTP	kVA	110
rotational speed	1/min	1500
voltage	V	400/230
frequency	Hz	50
power factor	cos phi	0,8
color	RAL	9010
sound pressure level dBA in 7m (+/-3)	dBA	68

Dimensions and weight	unity	
length	mm	2720
hight	mm	1750
width	mm	1100
weight (incl. liquids in cooler and oil sump)	kg	1550
tank type	-	basic frame tank
version	-	single wall
tank capacity	ltr	350
content viewer	-	digital
autonomy	H	>18
transport possibility	-	stacker lugs

Engine specifications	unity	
nominal power in kWm	kW	89
producer	-	IVECO
model	-	N45 TE2F
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	22,8
fuel consumption 75% PRP	ltr/h	18,7
fuel consumption 50% PRP	ltr/h	13,4
oil consumption (full load)	g/kWh	0,1%
maximum oil volume	ltr	12,8
total cooling liquid	ltr	18,5
engine control	-	electronic

Generator	unity	
producer	-	MeccAlte
type	-	ECO 34 2S4A
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	3,973
CO	g/kWh	0,94
dust	g/kWh	0,161
maximum temperature exhaust mode	°C	460
flow rate exhaust mode	m ³ /h	1269
maximum acceptable back-pressure	Pa	5000
exhaust direction	-	vertical
exhaust silencer	-	Yes

Cooling system	unity	
air volume engine cooler	m ³ /h	525
air volume generator cooler	m ³ /h	1158
combustion air	m ³ /h	525
exhaust direction	-	vertical

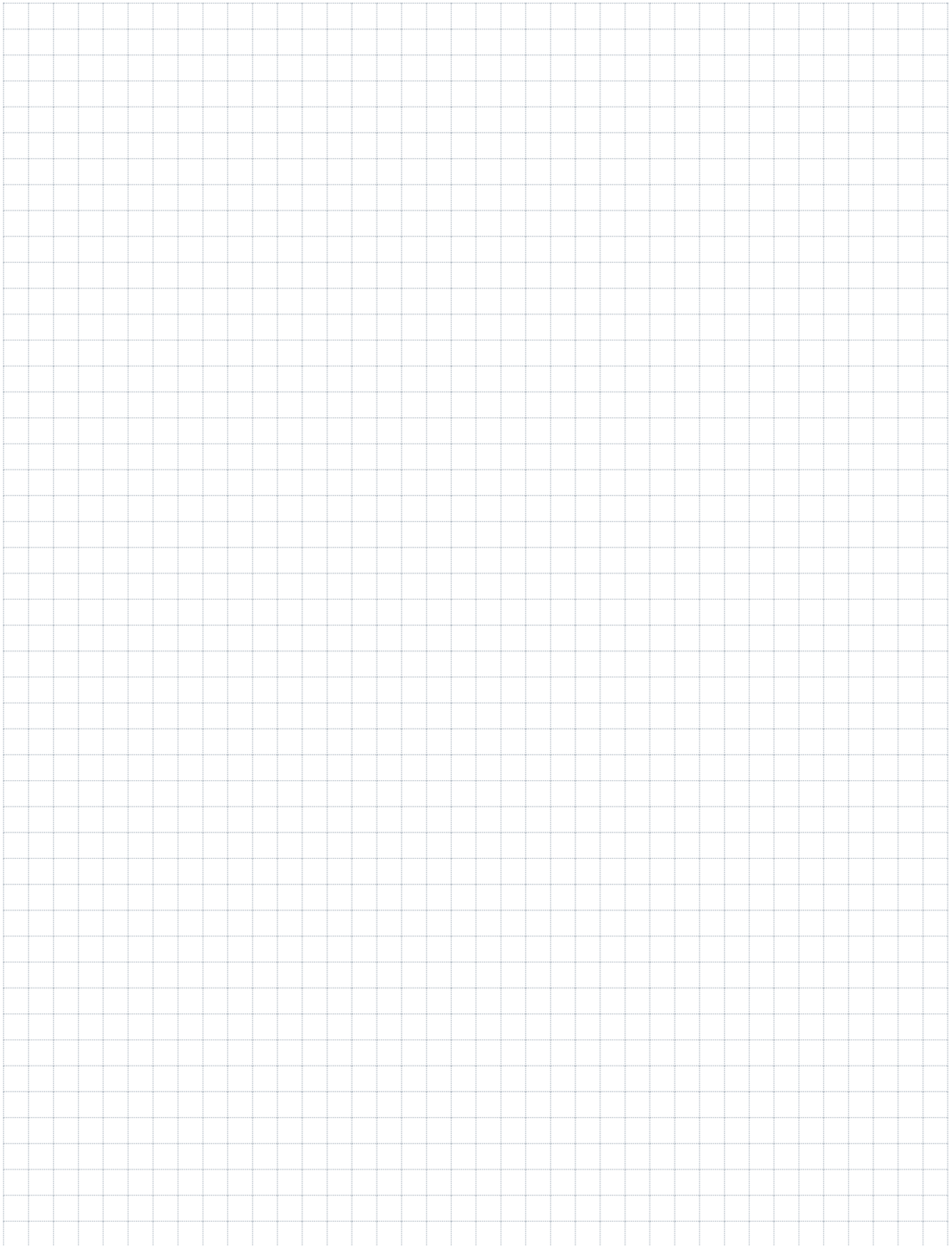
Starter	unity	
starting battery	-	SAPOTEC
control battery	-	-
battery type	-	maintenance-free
auxiliary supply	VDC	12VDC

Control system	unity	
producer	-	ComAp
type	-	AMF25
application	-	Start/Stop
synchronisation	-	No
operation messages	pieces	No
display	-	LCD
remote start	-	No
remote maintenance	-	No
cabinet	-	integrated
power output	-	clamps
mains-/generator circuit-breaker	-	No/No
battery charger incl. fault reporting	-	Yes
pre-heating	-	Yes

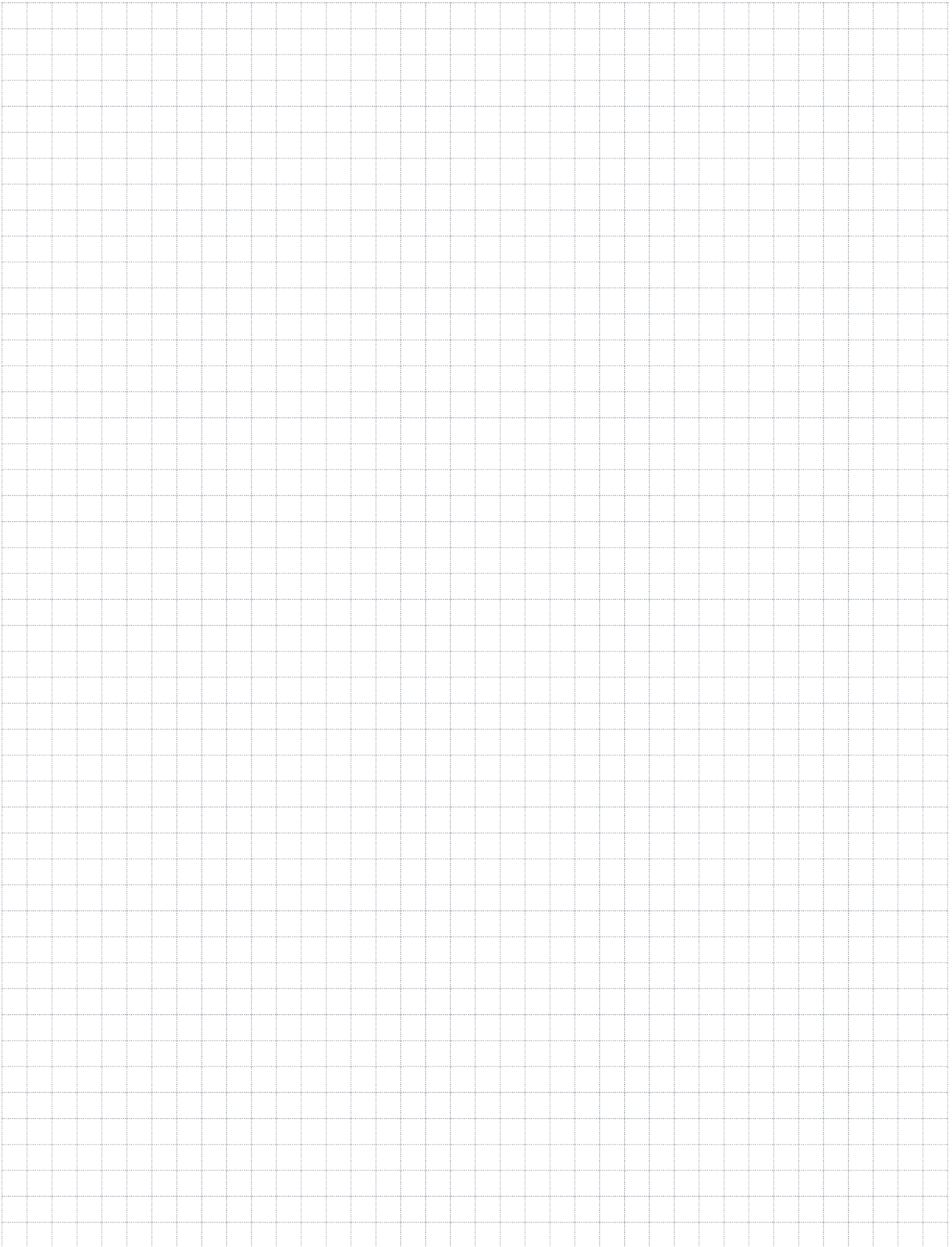
Options	unity	
exits	-	No
tank heating	-	No
jalousie claps	-	No
trailer	-	No

Notes

status 22.12.2020
editor DI (FH) Alexander Sautner
Sapotec Austria GmbH



Zukunft begreifen. Sicherheit geben.
Damit Strom fließt, Spannung bleibt und Energie entsteht!



Zukunft begreifen. Sicherheit geben.
Damit Strom fließt, Spannung bleibt und Energie entsteht!

Zukunft begreifen. Sicherheit geben.

Damit Strom fließt, Spannung bleibt und Energie entsteht!

INDIVIDUAL SOLUTIONS FOR QUALITY ORIENTED CUSTOMERS

SAPOTEC® GmbH

*Münchner Bundesstraße 144
A-5020 Salzburg*

Telephone *+43(0)662.420.900-0*

Fax *+43(0)662.420.900-111*

E-Mail *office@sapotec.at*

Service locations

Salzburg, Wien, Pusterwald

SAPOTEC® Deutschland GmbH

*Gewerbegasse 6
D-83395 Freilassing*

Telephone *+49(0)911.95.15.361-0*

Fax *+49(0)911.95.15.361-9*

E-Mail *office@sapotec.de*

Service locations

*München, Düsseldorf, Hamburg,
Leipzig, Nürnberg*

www.sapotec.at

www.sapotec.de