



Image for demonstration purposes


Generating Set
Silent Pro - Diesel

GE.PK.110/100.SP+011

1500 rpm - Trifase - 50Hz - 400V



Standard equipment

Canopy Soundproofing

Removable soundproof canopy
 Painting canopy (RAL) in galvanized sheet steel
 Soundproofing with class 1 polyester material
 Handles with key lock and automatic closing
 Inspection doors for controls and maintenance
 Inspection doors with hermetic gasket

Exhaust

Exhaust rain cap
 Insulated exhaust pipes
 Internal residential muffler

Fuel Supply

Single wall daily tank with bunded base
 Automatic shutdown system for low fuel level
 Fuel gauge

Handling

n.2 lifting hooks integrated into the bearing structure
 Base frame with anti-overturning forklift pockets
 Loadable side by side for truck transportation

Base Frame

Anti-vibrating mounting pads
 Anti pollution Bunded base

Engine

Tropicalized radiator
 Electronic speed governor

Alternator

AVR Automatic Voltage Regulator
 Impregnation for marine environment
 IP23

Panel & connection

Emergency Stop button
 Tamperproof panel IP55
 Cable output from side
 IP44 wiring
 Start-up battery (pre-charged)
 Grounding point

Documentation

CE conformity declaration
 User and Maintenance manual
 Wirings diagrams

Normatives

All Generating sets are compliant to CE Marking
 2014/30/UE Electromagnetic compatibility
 2000/14/CE Noise Emission for outdoor use
 Factory-designed systems built according to ISO 9001:2015
 CEI EN 60204-1:2018 - Electrical equipment of machines

Primary data

General Information

Speed	RPM	1500
Frequency	Hz	50
PRP - Prime power	KVA	100
LTP - Standby power	KVA	110
PRP - Prime power	KW	80,0
LTP - Standby power	KW	88,0
Standard Voltage	V	400/230
Current	A	144,51
Voltage for current calculation	V	400
COSFI	0,8	0,8

General electrical protection

Rated current	A	160
Poles	N	3P
Optional/notes		Opening coil

Noise level +/- 3dB(A)

LWA	dB(A)	94
Sound pressure level @ 7 mt	dB(A)	69
Sound pressure level @ 1 mt	dB(A)	78

Fuel Consumption

TYPE		Diesel
Standard Fuel Tank capacity	lt	160
Autonomy @ 75% load	h	10
Fuel consumption at 100% load	lt/h	22,6
Fuel consumption at 75% load	lt/h	17,1
Fuel consumption at 50% load	lt/h	11,8

General data

Rated capacity	Ah	1x120
Auxiliary Voltage	V	12
Exhaust gas temperature	°C	514
Exhaust gas flow	l/s	253
Combustion air flow	l/s	100
Cooling fan airflow	mc/s	2,8

Weight and Dimensions

Dimensions (L x W x H)	cm	235x105x139
Weight with liquids (excluding optionals and fuel)	Kg (+/-3%)	1454

Engine

Factory		Perkins
Model		1104C-44TAG2
Emissions stage		Stage 2
Speed governor		Electronic
Radiator	°C	50
Cooling	Tipo	liquid (water + 50% Paraflu11)
Active net power	Kwm	90,1
Nominal net power	CV	122,4
Cycle	Tipo	4 strokes
Injection	Tipo	Direct
Aspiration	Tipo	Turbo
Numbers of cylinders	N	4
Cylinders arrangement		L
Bore	mm	105
Stroke	mm	127
Total displacement	lt	4,397
Engine oil features		15W40-API CI-4/CH-4 ACEA E5-E7
Total oil capacity	lt	8
Total coolant capacity	lt	17
ISO 8528-5 class		G3

Alternator

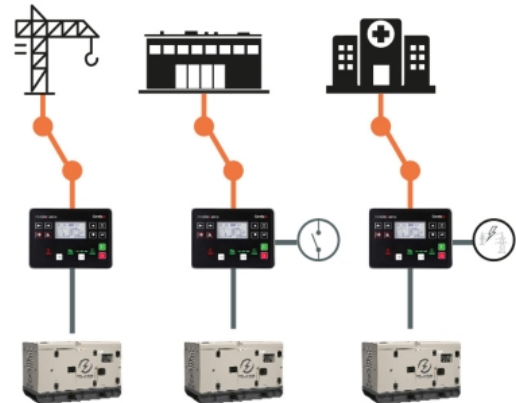
* May vary based on stock availability. However, a primary brand will be used.

Factory		MeccAlte
Model		ECP34 2S 4
PRP continuous power	KVA	100
Voltage Regulator (voltage accuracy)	+/- %	1
Poles	N°	4
Phases	N°	3+N
Standard windings connection		Star Series
Stator/rotor impregnation		H (Outdoor Temp 40°C)
Efficiency	%	92
Engine coupling		Elastic disk
Short circuit current		>= 300% (3In)
Protection degree	IP	23
Cooling system		Self ventilating
Maxium overspeed	rpm	2250
Waveform distortion	%	<3
Exciter		Ponte a diodi - MAUX

Environmental conditions

Ambient temperature	°C	40
Relative Humidity	%	60
Max altitude	mt	1000

Control Systems on board QBM-SP-AMF25-01



Operating scheme - Schema di funzionamento

QBM

Mechanical features

Protection degree	<i>IP</i>	55
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Battery charger

Model		LINDRAND - BTC2006A
Maximum output current	<i>A</i>	6 (12Vdc) - 3 (24Vdc)
Output DC voltage (selectable)	<i>Vdc</i>	12-24
Input AC voltage (selectable)	<i>Vac</i>	100-300
Frequency	<i>Hz</i>	50-60

Remotable functions in terminal box

GS start	Genset contactor close/open command (1)
Mains contactor close/open command (2)	

Control Module



Specifics

Applications

Emergency to the Mains
Stand-alone
Construction site/Rental
Self-production

ENGINE MEASURES

Fuel tank level %
Engine oil pressure BAR (1)
Engine Coolant temperature °C (1)
Total run time
Partial run time
Hours to maintenance
Battery voltage
Battery charging voltage
Start-ups counter
Engine speed
Engine speed (2)
Engine Oil temperature (2)
Cooler temperature (2)
Engine oil level (2)
Engine coolant level (2)
Engine coolant pressure (2)
Turbo pressure (2)
Fuel Consumption (2)

ALTERNATOR MEASURES

Generator Voltage L1, L2, L3
Generator Voltage L1-N, L2-N, L3-N
Generator frequency
Generator current L1
Generator current L1, L2, L3
Generator Apparent Power kVA
Generator Active Power kW
Generator Reactive Power kVAR
Generator accumulated power kWh
Power factor Cosfi

MAINS MEASURES

Mains voltage L1, L2, L3
Mains voltage L1-N, L2-N, L3-N
Mains frequency

COMMUNICATION PORTS

Can-bus port
Configurable via PC using USB port

EQUIPMENT

Microprocessor Logic
Back-lit display
Programmable by PC software
250 event log
Multiple display languages
STOP button
START button
AUT mode button
MAN mode button
OFF mode button
Reset alarm button
Alarm mute button
Transfer to Mains button
Transfer to generator button

PRE-ALARMS/ ALARMS

Common Alarm
Fuel reserve (pre-alarm)
Low fuel level (alarm)
Tank overflow
Charge alternator failed (dinamo)
Low oil pressure (pre-alarm) (1)
Low oil pressure (alarm)
Oil sensor failed (alarm)
High coolant temperature (pre-alarm) (1)
High coolant temperature (alarm)
Low coolant temperature (pre-alarm)
Low water level (1)
Water in fuel (1)
Battery undervoltage
Battery overvoltage
GS failure to start
GS failure to stop
Can-bus Failure
No Can-bus communication
Genset overload L1, L2, L3 phases
Genset short circuit
Genset overvoltage
Genset undervoltage
Genset high frequency
Genset low frequency
overspeed
Reverse power
Maintenance request
Emergency button pressed
Remote emergency active
Fuel theft
Genset negative phase sequence
Mains negative phase sequence
Fuel theft protection

VISUALIZATIONS ON CONTROL MODULE/DISPLAY

Pre-alarms
Alarms
Engine measures
Alternator measures
Mains measures
Date and time
Operating mode
Genset status
Mains status
Mains contactor status
Genset contactor status
Digital Input and Output status

CONTROL MODULE FUNCTIONS

Automatic start and stop when the Mains Fails (7)
Manual Start and stop
Emergency stop button on panel board
Remote emergency stop
Remote lock
Scheduled start-ups
MODBUS commands (Start, Stop, Reset, Test)
Scada available with PC connected to the controller
PLC editor
Manual switching commands

CONTROL MODULE SPECIAL FUNCTIONS (on demand)

Dummy load (4)
Load shedding (4)
Idle mode
Master / Slave mode

Model	AMF25
Operating mode	AMF - MRS

OPTIONAL

Fuel Supply



O.G-ACO-AT-C3V-01

External fuel tank connections with 3-way valve for supply from internal or external tank (10/100 kVA)



O.G-ACO-AT-C3V-AR-01

Quick coupling connectors with 3-way valve for internal or external fuel tank connection (10/100 kVA)



O.G-ACO-AT-CI-01

External tank connections for supply only from external tank (g without tank) GE 10/100



O.G-ACO-ST-BG-ES1

"Easy" automatic fuel refilling system on board, controlled by QPE-C and QLE-B panels

Batteries



O.G-BAT-BAE-02

Maintenance free high efficiency starter batteries (50/100 kVA)

Tanks

O.CI-DP-01-OR-EST-EU

Double wall fuel tank 1.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø100 x 173 x 140H - 610 kg. Walking pace Ø 75 cm.

O.CI-DP-01-OR-EST-NC

1000 lt. DOUBLE WALL FUEL TANK FOR OUTDOOR use with pull-off valve supplied loose RAL7030 grey dim.: Ø100x173x140(h) weight 400 kg -manhole Ø 54 cm.

O.CI-DP-01-OR-INT-EU

Tank 1000 lt DOUBLE WALL FOR INTERRO Certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø100x173x124(h) cm - weight 540 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm

O.CI-DP-01-OR-INT-NC

Tank 1000 lt DOUBLE WALL FOR INTERRO with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø100x173x124(h) cm - weight 399 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm

O.CI-DP-015-OR-EST-EU

Double wall fuel tank 1500 lt to be filled in Certified EN 12285-1 with hook and loop valve supplied loose Standard colour grey RAL7030. dim.: Ø130x155x170(h) cm - weight 750 kg - manhole Ø 75 cm

O.CI-DP-015-OR-EST-NC

Double wall fuel tank 1500 lt fo external use with hook and loop valve supplied loose Standard colour grey RAL7030. dim.: Ø130x155x170(h) cm - weight 490 kg -manhole Ø 54 cm

O.CI-DP-015-OR-INT-EU

Double wall fuel tank 1500 lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø130x155x155(h) cm - weight 670 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm

O.CI-DP-015-OR-INT-NC

Double wall fuel tank 1000 lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame Standard colour grey RAL7030. dim.: Ø130x155x155(h) cm - weight 485 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm

O.CI-DP-02-OR-EST-EU

Double wall fuel tank 2.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø130 x 180 x 172H - weight 810 kg. -manhole Ø 75 cm.

O.CI-DP-02-OR-EST-NC

Double wall fuel tank 2.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø130 x 180 x 172H - weight 540 kg. -manhole Ø 54 cm.

O.CI-DP-02-OR-INT-EU

Double wall fuel tank 2000 lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø130x180x155(h) cm - weight 730 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm

O.CI-DP-02-OR-INT-NC	Double wall fuel tank 2000 Lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø130x180x155(h) cm - weight 535 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm
O.CI-DP-03-OR-EST-EU	Double wall fuel tank 3000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø150 x 215 x 195H - weight 1095 kg. -manhole Ø 75 cm.
O.CI-DP-03-OR-EST-NC	Double wall fuel tank 3.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø150 x 215 x 195H - weight 770 kg. -manhole Ø 54 cm.
O.CI-DP-03-OR-INT-EU	Double wall fuel tank 3000 Lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø150x215x174(h) cm - weight 920 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm
O.CI-DP-03-OR-INT-NC	Double wall fuel tank 1000 Lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame Standard colour grey RAL7030. dim.: Ø150x215x174(h) cm - weight 768 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm
O.CI-DP-04-OR-EST-EU	Double wall fuel tank 4.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø150 x 284 x 195H - weight 973 kg. -manhole Ø 54 cm.
O.CI-DP-04-OR-EST-NC	Double wall fuel tank 4.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø150 x 284 x 195H - weight 973 kg. -manhole Ø 54 cm.
O.CI-DP-04-OR-INT-EU	Double wall fuel tank 4000 Lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø150x284x174(h) cm - weight 1140 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm
O.CI-DP-04-OR-INT-NC	Double wall fuel tank 4000 Lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø150x284x174(h) cm - weight 963 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm
O.CI-DP-05-OR-EST-EU	Double wall fuel tank 5.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø150 x 332 x 195H - weight 1375 kg. -manhole Ø 75 cm.
O.CI-DP-05-OR-EST-NC	Double wall fuel tank 1.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø150 x 332 x 195H - weight 1100 kg. -manhole Ø 54 cm.
O.CI-DP-05-OR-INT-EU	Double wall fuel tank 5000 Lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø150x332x174(h) cm - weight 1430 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm
O.CI-DP-05-OR-INT-NC	Double wall fuel tank 5000 Lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø150x332x174(h) cm - weight 1088 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm
O.CI-DP-06-OR-EST-EU	Double wall fuel tank 6.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø165 x 334 x 210H - weight 1595 kg. -manhole Ø 75 cm.
O.CI-DP-06-OR-EST-NC	Double wall fuel tank 6.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø165 x 334 x 210H - weight 1390 kg. -manhole Ø 54 cm.
O.CI-DP-06-OR-INT-EU	Double wall fuel tank 1000 Lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø165x334x189(h) cm - weight 1790 kg -manhole Ø 75 cm -anti-spreading well 100x100x25 cm
O.CI-DP-06-OR-INT-NC	Double wall fuel tank 6000 Lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø165x334x189(h) cm - weight 1382 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm
O.CI-DP-08-OR-EST-EU	Double wall fuel tank 8.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø185 x 342 x 230H - weight 2162 kg. -manhole Ø 75 cm
O.CI-DP-08-OR-EST-NC	Double wall fuel tank 8.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø185 x 342 x 230H - weight 1650 kg. -manhole Ø 54 cm

O.CI-DP-08-OR-INT-EU	Double wall fuel tank 1000 lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø185x342x209(h) cm - weight 2030 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm
O.CI-DP-08-OR-INT-NC	Double wall fuel tank 8000 lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø185x342x209(h) cm - weight 1650 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm
O.CI-DP-10-OR-EST-EU	Double wall fuel tank 10.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø205 x 348 x 255H - weight 2480 kg. - manhole Ø 75 cm
O.CI-DP-10-OR-EST-NC	Double wall fuel tank 10.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø205 x 348 x 255H - weight 2045 kg. -manhole Ø 54 cm
O.CI-DP-10-OR-INT-EU	Double wall fuel tank 10000 lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø205x348x229(h) cm - weight 2300 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm
O.CI-DP-10-OR-INT-NC	Double wall fuel tank 10000 lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø205x348x229(h) cm - weight 2016 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm
O.CI-DP-12-OR-EST-EU	Double wall fuel tank 12.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø205 x 404 x 255H - weight 3230 kg. - manhole Ø 75 cm
O.CI-DP-12-OR-EST-NC	Double wall fuel tank 12.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø205 x 404 x 2250H - weight 2360 kg. -manhole Ø 54 cm
O.CI-DP-12-OR-INT-EU	Double wall fuel tank 12000 lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø205x404x229(h) cm - weight 3050 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm
O.CI-DP-12-OR-INT-NC	Double wall fuel tank 12000 lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø205x404x229(h) cm - weight 2316 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm
O.CI-DP-15-OR-EST-EU	Double wall fuel tank 15.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø205 x 495 x 255H - weight 3350 kg - manhole Ø 75 cm
O.CI-DP-15-OR-EST-NC	Double wall fuel tank 15.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030. Dim.cm. Ø205 x 495 x 255H - weight 2780 kg. -manhole Ø 54 cm
O.CI-DP-15-OR-INT-EU	Double wall fuel tank 15000 lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø205x495x229(h) cm - weight 3170 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm
O.CI-DP-15-OR-INT-NC	Double wall fuel tank 15000 lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø05x495x229(h) cm - weight 2786 kg -manhole Ø 54 cm - anti-spreading well 80x80x20(h) cm
O.CI-DP-20-OR-EST-EU	Double wall fuel tank 20.000 Lt for external use Certified EN 12285-2 with tear-off valve (supplied loose) Standard colour grey RAL7030 Dim.cm. Ø205 x 645 x 255H - weight 3780 kg - manhole Ø 75 cm
O.CI-DP-20-OR-EST-NC	Double wall fuel tank 20.000 Lt for external use with tear-off valve (supplied loose) Standard colour grey RAL7030 Dim.cm. Ø205 x 645 x 2550H - weight 3450 kg -manhole Ø 54 cm
O.CI-DP-20-OR-INT-EU	Double wall fuel tank 20.000 lt to be filled in certified EN 12285-1 with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø205x645x229(h) cm - weight 3580 kg -manhole Ø 75 cm -anti-spreading well 100x100x25cm
O.CI-DP-20-OR-INT-NC	Double wall fuel tank 20.000 lt to be filled in with hook and loop valve supplied loose - black two-component epoxy catrame dim.: Ø205x645x229(h) cm - weight 3426 kg -manhole Ø 54 cm -anti-spreading well 80x80x20(h) cm


O.CI-MP-01

Single wall tank of 1000 lt.

O.CI-MP-01,5

Single wall tank of 1500 lt


O.CI-MP-02

Single wall tank of 2000 lt.


O.CI-MP-03

Single wall tank of 3000 lt.


O.CI-MP-04

Single wall tank of 4000 lt.


O.CI-MP-05

Single wall tank of 5000 lt.


O.CI-MP-06

Single wall tank of 6000 lt.


O.CI-MP-08

Single wall tank of 8000 lt


O.CI-MP-09

Single wall tank of 9000 lt.


O.CI-MP-10

Single wall tank of 10000 lt.

Electrical on board

O.Q-QBM-COM-4G-GPS

Module cellular modem 2G/3G/4G in combination with a GPS/GLONASS receiver per INTELILITE 4 AMF25, AMF8, IG200, IG500 G2 and IG1000

Engine


O.G-MOT-FSA-4

Fuel/Water Separator Filter - for Gen Sets 80/100 kVA


O.G-MOT-K-40C-02

Engine liquids suitable for -40°C ambient temperature for Gen Sets 50/100 kVA


O.G-MOT-PO-01

Oil change pump for Gen Sets 10/100 kVA


O.G-MOT-SC-AC-EL-01

Engine pre-heater 230V with thermostat on board for Gen Sets 10/100 kVA (BF/PRO/SS/RB)

ATS Panels


QC1.0250A

Separate ATS panel, ABB 250A motorized change-over (170 kVA 400V) Dim. 60 x 25 x 80 cm - 56 kg. (ex QC1.165)


QLTS.160A

Wall-mounted ATS switching panel 160A 4P (110 kVA 400V) Dim.53x25xh59cm 31 kg

Exhaust

O.G-SCA-KS-80

Exhaust flex pipe for drainage (length 3 mt.)


O.G-SCA-PF-02

Spark arrester for Gen Sets 50/100 kVA

External tanks

O.SER-SC-1000

1000 Lt. Tank with collection tank on the floor - 1835x1130x860 mm (l-lxh) - 380kg


O.SER-SC-120

120 Lt. Tank with collection tank on the floor - dim. 1060 x 290 x 970 mm (lu x lar x h) - 65 kg.


O.SER-SC-1500

1500 Lt fuel tank with collection base Dim. 224 x 66 x 167 cm - 530 kg.


O.SER-SC-350

350 Lt. Tank with collection tank on the floor - dim. 1340 x 610 x 830 mm (lu x la x h) - 170 kg.


O.SER-SC-500

500 Lt fuel tank with collection base Dim. 168 x 71 x 86 cm - 230 kg.


O.SER-ST-CA.1000

Automatic fuel refilling system 1.000 Lt with bunded base, controlled by QST2 complete with shut-off valve.


O.SER-ST-CA.120

Automatic fuel refilling system 120 Lt with bunded base, controlled by QST2 complete with shut-off valve.


O.SER-ST-CA.1500

Automatic fuel refilling system 1.500 Lt with bunded base, controlled by QST2 complete with shut-off valve.


O.SER-ST-CA.500

Automatic fuel refilling system 500 Lt with bunded base, controlled by QST2 complete with shut-off valve.

Test

MS.CP-LT-01

FAT - Factory Acceptance Test for single Gen Set from 10 to 100 kVA according to our standard procedures in Elcos factory (max 2 hours - max 4 people - max 1 hour of operation)

MS.CP-ST-01

FAT - Factory Acceptance Test for single Gen Set from 10 to 100 kVA according to our standard procedures in Elcos factory (max 4 hours - max 4 people - max 2 hour of operation)


MS.TV-ST-01

Vibration test on 10 points with certificate for single Gen Set from 10 to 250 kVA

Vari

**O.G-VAR-CAT-01**

Toolbox for ordinary maintenance.

PRP

Engines of this rating provide unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's prime power rating with a maximum number of 500 operational hours at 100% prime power rating. An overload capability of 10% is available, however, is limited to a period of 1 in every 12 hours

LTP

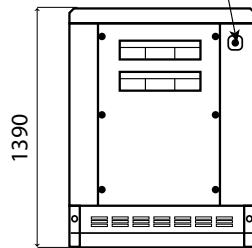
Limited-time running power is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500h of operation per year with the maintenance intervals. The overload is not allowed.

Sheet:	SP-PKM-100	SILENT PRO	Exhaust side:	Right	Type:	STANDARD	Rev:	00	Last Update:	28-01-2025	Page 1/1
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OVERALL DIMENSIONS [mm]

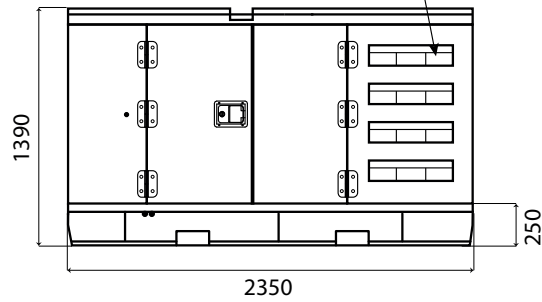
REAR VIEW

STOP Emergency button

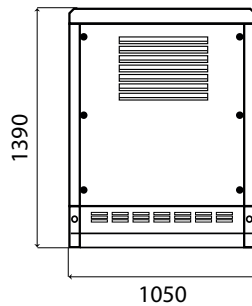


LEFT SIDE VIEW

Air Intake Grill

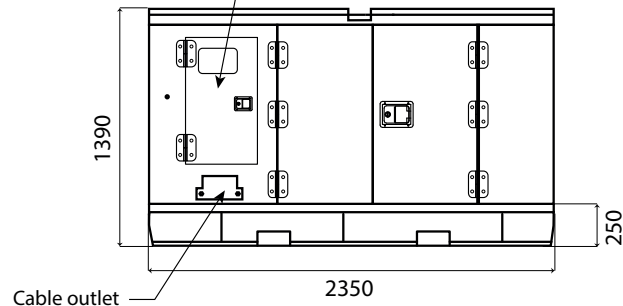


FRONT VIEW



RIGHT SIDE VIEW

Control panel

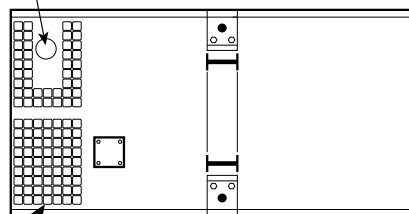


TOP VIEW

Right

Front

Exhaust



Rear

Left

IMPORTANT:

- 1) Form and dimension refer to the generating set on catalogue
- 2) Form and dimension are subject to change in order to update or improve the products
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