

Rental silenced

Volvo water-cooled
diesel

EUROPOWER Generators

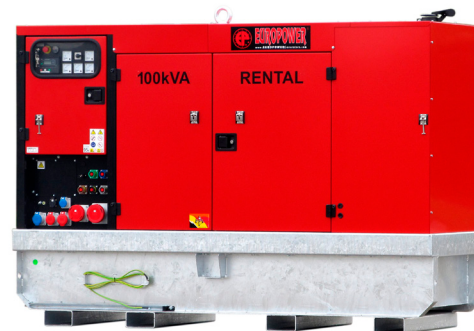
Europower rental silenced
generating sets from 85 to
250kVA with Volvo water-
cooled diesel engines,
1500rpm, 50Hz, 4 stroke

85 - 250kVA

**VOLVO
PENTA**



EPSR100TDE



LEGEND



SOCKET CONFIGURATIONS

A	2 sockets 230V - 16A
A0	1 socket 230V - 16A
A1	1 socket 230V - 16A + 2 sockets CEE 230V - 16A
A2	1 socket 230V - 16A + 1 socket CEE 230V - 32A
A3	1 socket 230V - 16A + 1 socket CEE 230V - 16A + 1 socket CEE 230V - 32A
A4	1 socket 230V - 16A + 2 sockets CEE 230V - 32A
A5	1 socket 230V - 16A + 1 socket CEE 230V - 63A
A6	1 socket 230V - 16A + 1 socket CEE 230V - 16A + 1 socket CEE 230V - 32A + 1 socket CEE 230V - 63A
A7	2 sockets 230V - 16A + 1 socket CEE 230V - 32A
A8	2 sockets 230V - 16A + 1 socket CEE 230V - 16A + 1 socket CEE 230V - 32A
A9	2 sockets 230V - 16A + 1 socket CEE 230V - 16A
A10	2 sockets 230V - 16A + 1 socket CEE 230V - 16A + 2 sockets CEE 230V - 32A + 1 socket CEE 230V - 63A
A11	1 socket 230V - 16A + 1 socket CEE 230V - 16A
B	1 socket 230V - 16A + 1 socket CEE 400V - 16A 5 p.
B1	2 sockets CEE 42V - 200Hz - 32A 3 p.
B2	4 sockets CEE 42V - 200Hz - 16A 3 p.
B3	1 socket 230V - 16A + 1 socket CEE 230V - 16A + 1 socket CEE 400V - 16A 5 p.
B4	1 socket 230V - 16A + 1 socket CEE 230V - 32A + 1 socket CEE 400V - 32A 5 p.
B5	2 sockets 230V - 16A + 1 socket CEE 230V - 16A + 1 socket CEE 230V - 32A + 1 socket CEE 400V - 16A 5 p. + 1 socket CEE 400V - 32A 5 p.
B6	1 socket 230V - 16A + 1 socket CEE 230V - 32A + 1 socket CEE 400V - 16A 5 p.
B7	2 sockets 230V - 16A + 1 socket CEE 400V - 16A 5 p.
B8	1 socket 230V - 16A + 1 socket CEE 230V - 32A + 2 sockets CEE 400V - (32A 5 p. + 125A 5 p.)
B9	2 sockets 230V - 16A + 1 socket CEE 230V - 16A + 1 socket CEE 400V - 16A 5 p.
B10	1 socket 230V - 16A + 2 sockets CEE 230V - 16A + 1 socket CEE 400V - 16A 5 p.
B11	2 sockets 230V - 16A + 1 socket CEE 230V - 16A + 1 socket CEE 230V - 32A + 1 socket CEE 400V - 16A 5 p.
B12	1 socket CEE 230V - 63A + 1 socket CEE 400V - 63A 5 p.
B13	1 socket 230V - 16A + 1 socket CEE 230V - 63A + 1 socket CEE 400V - 63A 5 p.
B14	2 sockets 230V - 16A + 1 socket CEE 230V - 16A

B15

+ 1 socket CEE 230V - 32A + 1 socket CEE 400V - 32A
5 p. + 1 socket CEE 400V - 63A 5 p.

B16

1 socket 230V - 16A + 1 x CEE 230V - 16A + 1 x CEE
230V - 32A + 1 x CEE 400V - 16A 5 p. + 1 x CEE 400V -
32A 5 p. + 1 x CEE 400V - 63A 5 p. + 1 x CEE 400V -
125A 5 p.

B17

1 socket 230V - 16A + 1 x CEE 230V - 16A + 1 x CEE
230V - 32A + 1 x CEE 230V - 63A + 1 x CEE 400V - 16A
5 p. + 1 x CEE 400V - 32A 5 p. + 1 x CEE 400V - 63A 5 p.
+ 1 x CEE 400V - 125A 5 p.

B18

3 sockets 230V - 16A + 1 socket CEE 400V - 16A 5 p.

BDIN1

1 socket CEE 400V - 16A 5 p. IP67 + 3 Schuko sockets
(DIN49442) 230V - 16A 3 p. IP68

BDIN2

1 socket CEE 400V - 32A 5 p. IP67 + 3 Schuko sockets
(DIN49442) 230V - 16A 3 p. IP68

VERSION

AC

Automatic choke (for temperatures > 0°C)

AIS

ECO-Automatic Idle System

Amp1

1 Amperemeter

Amp3

3 Amperemeters

AREP

Alternator Regulation Excitation Polymorphic

AVR

Automatic voltage regulator

BFT

Bunded fuel tank

CLS

Low coolant level switch

DC12

12V DC Battery Charger

DC24

24V DC Battery Charger

DH

Document holder

DS

Dual speed with economy switch

DSE

Deep Sea Electronics control and start module DSE4520

E

Electric start, battery included (battery acid not included)

E1

Electric start, maintenance free battery included

EnB

Electric start, battery not included

EC

Electric choke

Erpm

Electronic speed governor

ES

Emergency stop

ET

Earth tester with pilot lamp

F

Frame

FG

Mechanical fuel level meter

FH

Integrated forklift holes

FI

Earth leakage protection 30mA

FI2

Earth leakage protection 30mA without earth pin

FI4

Earth leakage protection 30mA with earth pin
and 4m earth cable

FIA

Earth leakage protection 30-350mA, adjustable,
with earth pin and 4m earth-cable

FLM

Fuel level meter

FP

Fuel pump 12V

FPM

Membrane fuel pump

FFPM

Manual fuel feed pump

GALV

Galvanised chassis with forklift holes and 20 mm bumper

h

Hour counter

Hz

Frequency meter

IB

Insulation protection

LE

Central lifting eye

LFLS

Low fuel level switch

LFLS2

Double low fuel level switch (alarm + shut down)

LH

4 Lifting handles

LS2

Leroy Somer alternator 'System 2' for tropical environment

M

Muffler (not mounted on the engine)

MS

+ flange (supplied loose)

O

Magneto-Stop

ODP

Oil guard

OL

Oil drain pump

OP

Low oil pressure control lamp

OP

Low oil pressure guard

P

Portable

PAI

Preheating air intake

PC

5 'Powersafe' power connectors

PI

Illuminated control panel

R

Recoil starter

TB

Tool box with spare parts

TC

Terminal power connection

TE

Securing eyes for transportation

Th

Circuit breaker

TM

Thermal magnetic breaker

TM2

Thermal magnetic breaker, with tripping coil with
individual thermal magnetic breakers on each socket

TP

High temperature security

V

Voltmeter

VF

Viscous fan clutch

VS

Voltmeter selector switch

W

Power meter with maximum indication

WS

Water separator

Europower rental silenced generating sets from 85 to 250kVA with Volvo water-cooled diesel engines, 1500rpm, 50Hz, 4 stroke

Article code	TYPE	kVA max.	kVA cont.	Amp. (cos phi 0.8)		Engine Volvo (EU Stage IIIA)	Cil.	Electronic speed governor	kW	cm ³	Tank (l)	Cons. @75% load (l/h)	Auto-nomy @75% load (h)	Battery voltage (V)	Alternator	Alternator type	Dimensions (cm)	kg	dB(A) @ 7m	Lwa
				1 ~ 230V	3 ~ 400V															
781108523	EPSR85TDE-3A	94	85	122	123	TAD550GE	4	Standard	76	4760	520	16.8	31.0	24	Leroy Somer	LSA44.3S4 AREP	285x110x206	2090	68	93
791108523	EPSR85TDE-3A	94	85	122	123	TAD550GE	4	Standard	76	4760	520	16.8	31.0	24	Mecc Alte	ECP34-1S/4	285x110x206	2090	68	93
781110023	EPSR100TDE-3A	110	100	144	144	TAD551GE	4	Standard	89	4760	520	21.2	24.5	24	Leroy Somer	LSA44.3S5 AREP	285x110x206	2047	68	93
791110023	EPSR100TDE-3A	110	100	152	144	TAD551GE	4	Standard	89	4760	520	21.2	24.5	24	Mecc Alte	ECP34-2S/4	285x110x206	2100	68	93
781113023	EPSR130TDE-3A	143	130	187	187	TAD750GE	6	Standard	114	7150	910	23.8	38.2	24	Leroy Somer	LSA44.3M8 AREP	329x118x221	2620	72	97
791113023	EPSR130TDE-3A	143	130	187	187	TAD750GE	6	Standard	114	7150	910	23.8	38.2	24	Mecc Alte	ECP34-1L/4	329x118x221	2620	72	97
781115023	EPSR150TDE-3A	165	150	216	216	TAD751GE	6	Standard	132	7150	910	28	32.5	24	Leroy Somer	LSA44.3L10 AREP	329x118x221	2670	72	97
791115023	EPSR150TDE-3A	165	150	216	216	TAD751GE	6	Standard	132	7150	910	28	32.5	24	Mecc Alte	ECP34-2L4	329x118x221	2670	72	97
781118023	EPSR180TDE-3A	198	180	260	260	TAD752GE	6	Standard	158	7150	1220	31	39.4	24	Leroy Somer	LSA46.3S2 AREP	360x123x256	2934	72	97
791118023	EPSR180TDE-3A	198	180	260	260	TAD752GE	6	Standard	158	7150	1220	31	39.4	24	Mecc Alte	ECO38-1SN/4	360x123x256	2950	72	97
781120023	EPSR200TDE-3A	220	200	289	289	TAD753GE	6	Standard	173	7150	1220	33.6	36.3	24	Leroy Somer	LSA46.3S3 AREP	360x123x256	2974	72	97
791120023	EPSR200TDE-3A	220	200	289	289	TAD753GE	6	Standard	173	7150	1220	33.6	36.3	24	Mecc Alte	ECO38-2SN/4	360x123x256	3000	72	97
781125023	EPSR250TDE-3A	275	250	361	361	TAD754GE	6	Standard	217	7150	1220	43.4	28.1	24	Leroy Somer	LSA46.3S5 AREP	360x123x256	3292	72	97
791125023	EPSR250TDE-3A	275	250	361	361	TAD754GE	6	Standard	217	7150	1220	43.4	28.1	24	Mecc Alte	ECO38-1LN/4	360x123x256	3320	72	97

Generating sets up to 150kVA are equipped with B15-Amp3-AVR-BFT-CLS-DH-DSE-E1-Erpm-ES-FH-FIA-FLM-FPm-FFPM-GALV-h-Hz-LE-LFLS2-MS-ODP-OP-PC-PI-TC-TE-TM2-TP-V-VS-WSFP. Generators from 180kVA on are equipped with: B16-Amp3-AVR-BFT-CLS-DH-DSE-E1-Erpm-ES-FH-FIA-FLM-FPm-FFPM-GALV-h-Hz-LE-LFLS2-MS-ODP-OP-PC-PI-TC-TE-TM2-TP-V-VS-WSFP. Besides the above, all generating sets with Leroy Somer alternator are also equipped with LS2 for tropical environment. See page 46.

At present all EU portable generators in the power range from 18 to 560kVA are required to meet Stage IIIA regulations. A portable generator is either a rental set or a unit that is moved more than twice a year. The EU does not regulate emissions from stationary diesel generators used for prime power, peak shaving or emergency standby power.

Features & Benefits

Clean power



These generators are built with a **Stage IIIA Volvo engine** which reduces the emission of gaseous and particulate pollutants such as CO₂. **Stage II engines** are still available and approved for stationary prime or emergency standby installations in the European Community.

Min. 24h at 75%



This range of **rental** silenced generating sets with Volvo engine offers a **minimum of 24 to 40 running hours at 75% load**. Ideal for **events** and **weekend rentals**.

Socket configuration



All **EPSR** generating sets are equipped with the **same socket configuration (B15 up to 150kVA and B16 from 180kVA on)**: see page 46. You never have to search for the right male socket. Besides the sockets you have **five 500A 'Powersafe' power connectors**.

Parallel operation



All Europower generators with **electronic speed governor** can run in parallel. The modules **DSE 8610/8620/8660** are used for this purpose. **32 generators can run in parallel** which allows rental companies to offer **Megawatt power plants**.

Galvanised chassis



Especially in the **rental business**, the **galvanised chassis** is highly appreciated. The generating set keeps its original look and color, even when it has been loaded and unloaded hundreds of times.

IBC's: bunded tank



If 24 hours of average running time isn't enough, EUROPOWER offers **IBC's or Intermediate Bulk Containers** which comply with **UN, ADR** and several local regulations. **Tanks** are available from **400 to 3000 liter** and various **options** are possible.



www.EUROPOWERGenerators.com