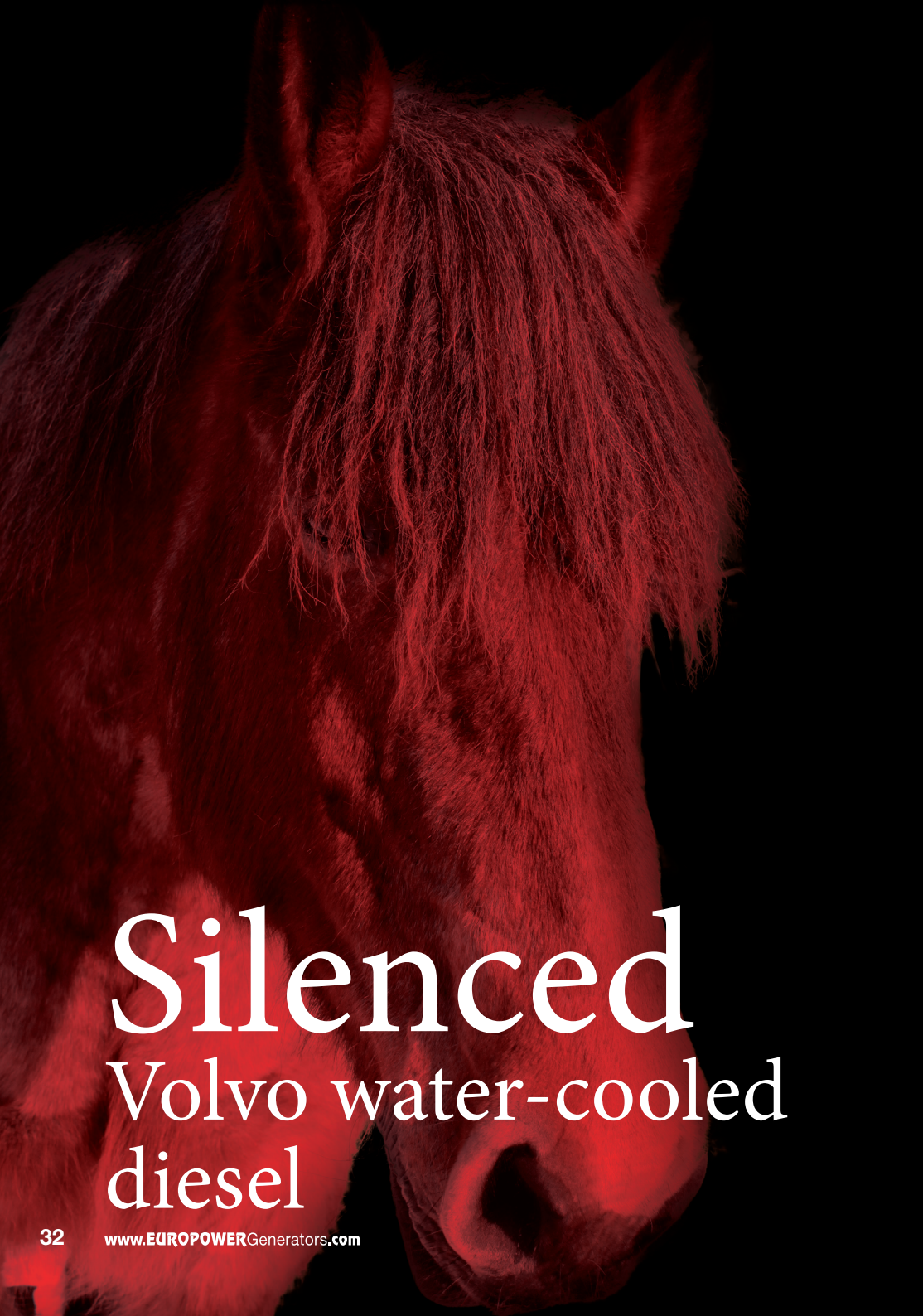




Silenced Volvo water-cooled diesel

EUROPOWERGenerators

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

85 - 250kVA

**VOLVO
PENTA**



EPS150TDE



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

OL

Low oil pressure guard

OP

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 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	cm³	Tank (l)	Cons. @75% load (l/h)	Autonomy @75% load (h)	Battery voltage (V)	Alternator	Alternator type	Dimensions (cm)	kg	dB(A) @ 7m	LWA
				1 ~ 230V	3 ~ 400V															
781108513	EPS85TDE-3A	94	85	122	123	TAD550GE	4	Standard	76	4760	195	16.8	11.6	24	Leroy Somer	LSA44.3S4 AREP	285x114x190	1765	69	94
791108513	EPS85TDE-3A	94	85	122	123	TAD550GE	4	Standard	76	4760	195	16.8	11.6	24	Mecc Alte	ECP34-1S/4	285x114x190	1765	69	94
781110013	EPS100TDE-3A	110	100	144	144	TAD551GE	4	Standard	89	4760	195	21.2	9.2	24	Leroy Somer	LSA44.3S5 AREP	285x114x190	1722	71	96
791110013	EPS100TDE-3A	110	100	152	144	TAD551GE	4	Standard	89	4760	195	21.2	9.2	24	Mecc Alte	ECP34-2S/4	285x114x190	1775	71	96
781113013	EPS130TDE-3A	143	130	187	187	TAD750GE	6	Standard	114	7150	288	23.8	12.1	24	Leroy Somer	LSA44.3M8 AREP	330x122x197	2400	71	96
791113013	EPS130TDE-3A	143	130	187	187	TAD750GE	6	Standard	114	7150	288	23.8	12.1	24	Mecc Alte	ECP34-1L/4	330x122x197	2400	71	96
781115013	EPS150TDE-3A	165	150	216	216	TAD751GE	6	Standard	132	7150	288	28	10.3	24	Leroy Somer	LSA44.3L10 AREP	330x122x197	2450	72	97
791115013	EPS150TDE-3A	165	150	216	216	TAD751GE	6	Standard	132	7150	288	28	10.3	24	Mecc Alte	ECP34-2L4	330x122x197	2450	72	97
781118013	EPS180TDE-3A	198	180	260	260	TAD752GE	6	Standard	158	7150	352	31	11.4	24	Leroy Somer	LSA46.3S2 AREP	360x123x221	2724	72	97
791118013	EPS180TDE-3A	198	180	260	260	TAD752GE	6	Standard	158	7150	352	31	11.4	24	Mecc Alte	EC038-1SN/4	360x123x221	2665	72	97
781120013	EPS200TDE-3A	220	200	289	289	TAD753GE	6	Standard	173	7150	352	33.6	10.5	24	Leroy Somer	LSA46.3S3 AREP	360x123x221	2754	72	97
791120013	EPS200TDE-3A	220	200	289	289	TAD753GE	6	Standard	173	7150	352	33.6	10.5	24	Mecc Alte	EC038-2SN/4	360x123x221	2715	72	97
781125013	EPS250TDE-3A	275	250	361	361	TAD754GE	6	Standard	217	7150	352	43.4	8.1	24	Leroy Somer	LSA46.3S5 AREP	360x123x221	2837	72	97
791125013	EPS250TDE-3A	275	250	361	361	TAD754GE	6	Standard	217	7150	352	43.4	8.1	24	Mecc Alte	EC038-1LN/4	360x123x221	2835	72	97

All generating sets are equipped with B8-Amp3-AVR-BFT-CLS-DSE-E1-Erpm-ES-FIA-FLM-FPm-FFPM-h-Hz-LE-LFLS2-MS-ODP-OP-TC-TE-TM2-TP-V-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

One side maintenance



One side maintenance and **easily accessible service and maintenance points** contribute to the ease of service of the engine.

Trailer



EUROPOWER offers **braked twin axle trailers** for **EPS** and **EPSR** generators. One for a total weight up to 2700kg and the other for a total weight up to 3500kg. **Easy transport** and **greater mobility** are the direct advantages.

Double fuel level switch



The double fuel level switch firstly produces an **alarm** when **low fuel level** is reached and secondly **turns off the engine** before the tank is completely empty. This assures that you never have to bleed the fuel system of the engine.

A.S.S.S.



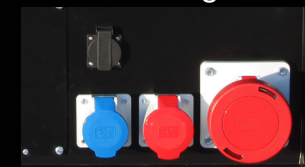
All generating sets with **Volvo engine** are equipped with DSE Auto start/Auto Mains Failure modules with three phase mains control. Automatic Transfer Switch, battery charger, **Internet control** or **cell phone control** are optional.

Preheating



Several **preheating devices** are offered as an option, such as cooling water preheating, oil pan preheating, air-intake preheating. These options / accessories allow the user to **start the engine in extremely cold conditions**.

Socket configuration



All EPS generating sets with **Volvo engine** are equipped with the **same socket configuration**: 1 x schuko 230V 16A and 1 x CEE 230V 32A 3p. and 1 x CEE 400V 32A 5p. and 1 x CEE 400V 125A 5p. This way, you will never have to search for the right male socket.



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