



EUROPOWER Generators

Europower standard
generating sets with Honda
and B&S Vanguard
air-cooled gasoline engines,
3000rpm, 50Hz, 4 stroke

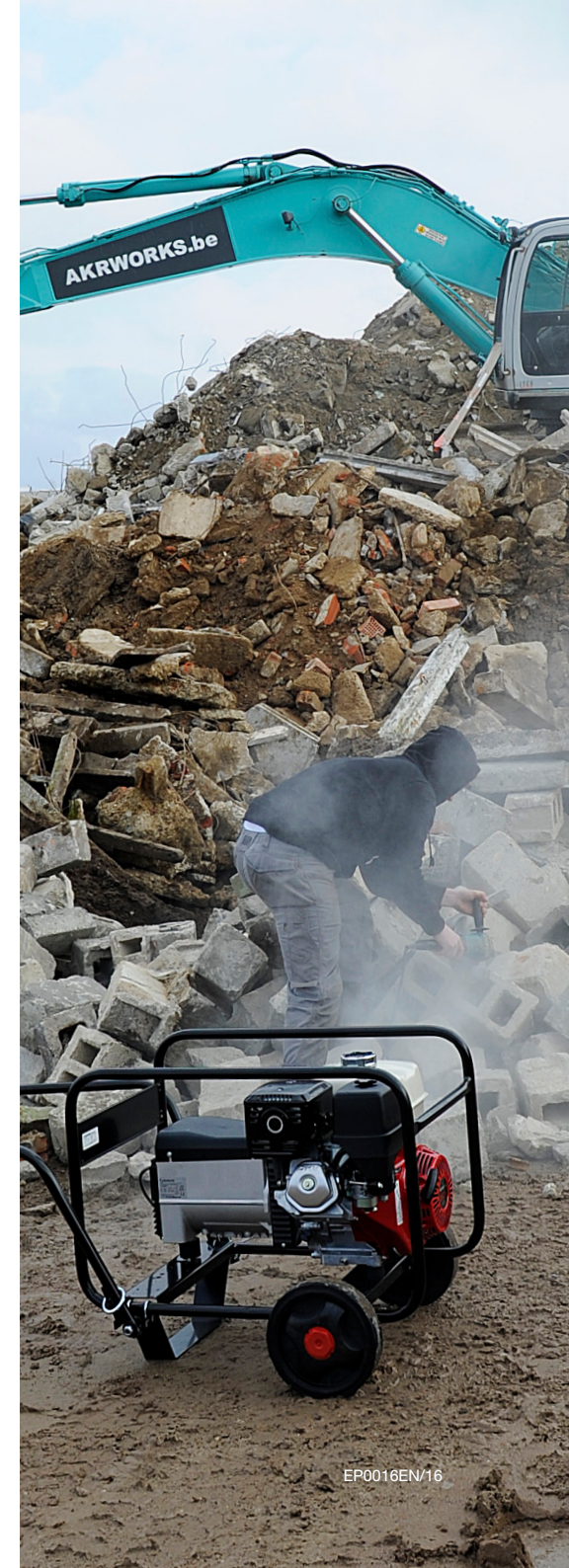
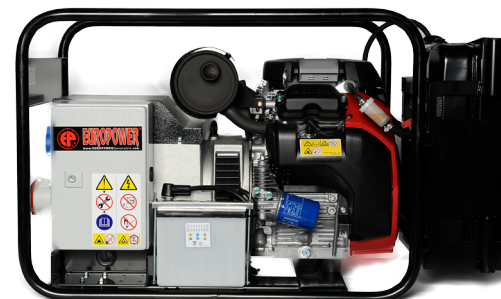
2,2 - 20kVA

POWERED by
HONDA

POWERED BY
VANGUARD
COMMERCIAL POWER



EP13500TE



EP0016EN/16

Standard

air-cooled gasoline

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

PAI

Low oil pressure guard

P

Portable

PC

Preheating air intake

PI

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 standard generating sets with Honda and B&S Vanguard air-cooled gasoline engines, 3000rpm, 50Hz, 4 stroke

Article code	TYPE	Alter-nator	kVA max.	kVA cont.	Amp. (cos phi 1)		Engine	hp	kW	cm ³	Tank (l)	Cons. @75% load (l/h)	Auto-nomy @75% load (h)	Version (p.46)	Dimensions (cm)	kg	dB(A) @ 7m	LWA
					1 ~ 230V	3 ~ 400V												
950000260	EP2500	Sincro	2.2	2	8.7	-	Honda GX160	4.4	3.2	163	3.1	1	3.1	A-F-O-R-Th	58x42x44	37	70	95
950000261	EP2500E	Sincro	2.2	2	8.7	-	Honda GX160	4.4	3.2	163	3.1	1	3.1	A-E-F-O-R-Th	58x42x44	45	70	95
950000250	EP2500P	Sincro	2.2	2	8.7	-	Honda GX160	4.4	3.2	163	3.1	1	3.1	A-O-P-R-Th	54x37x50	33	70	95
990000300	EP3300	Mecc Alte	3	2.7	11.7	-	Honda GX200	5.2	3.8	196	3.1	1.3	2.4	A-F-O-R-Th	58x42x44	42	70	95
950000400	EP4100	Sincro	4	3.6	16	-	Honda GX270	7.9	5.8	270	5.3	2	2.7	A-F-O-R-Th	77x51x56	60	71	96
950000401	EP4100E	Sincro	4	3.6	16	-	Honda GX270	7.9	5.8	270	5.3	2	2.7	A-E-F-O-R-Th	77x51x56	72	71	96
950000502	EP5000T	Sincro	5	4.5	16	6.5	Honda GX270	7.9	5.8	270	5.3	2	2.7	B-F-O-R-Th	83x51x56	72	71	96
950000600	EP6000	Sincro	6	5.4	23	-	Honda GX390	11.1	8.2	389	6.1	2.4	2.5	A-F-O-R-Th	83x51x56	75	72	97
950000601	EP6000E	Sincro	6	5.4	23	-	Honda GX390	11.1	8.2	389	6.1	2.4	2.5	A-E-F-O-R-Th	83x51x56	87	72	97
950000652	EP6500T	Sincro	7	6.5	17	9.4	Honda GX390	11.1	8.2	389	6.1	2.4	2.5	B-F-O-R-Th	83x51x56	82	72	97
950000653	EP6500TE	Sincro	7	6.5	17	9.4	Honda GX390	11.1	8.2	389	6.1	2.4	2.5	B-E-F-O-R-Th	83x51x56	94	72	97
950000700	EP7000	Sincro	7	6	26	-	Honda GX390	11.1	8.2	389	6.1	2.7	2.3	A7-F-O-R-Th	83x51x56	85	76	*
990001001	EP10000E	Mecc Alte	10	9	39	-	Honda GX630	19	14	688	20	4.2	4.8	A2-E-F-FPm-h-O-TM	102x55x60	146	75	*
957001002	EP10000T	Sincro	10	9	14.3	13	B&S Vanguard	14	10.5	480	6.5	3.5	1.9	B-F-FPm-OP-R-TM	83x55x60	95	75	*
950001201	EP12000E	Sincro	12	10.8	47	-	Honda GX690	20	15	688	20	5	4.0	A2-AIS-E-F-FPm-h-O-TM	102x55x60	150	75	*
950001203	EP13500TE	Sincro	13.5	12	20	17	Honda GX630	19	14	688	20	4.2	4.8	B-E-F-FPm-h-O-TM	102x55x60	149	75	*
957001501	EP16000E	Sincro	16	14.5	63	-	B&S Vanguard	28	21	895	41	7	5.9	A5-E1-F-FG-FPm-h-LE-OP-TM-V	100x64x72	213	79	*
950001503	EP16000TE	Sincro	16	14.4	23	21	Honda GX690	20	15	688	20	5	4.0	B-AIS-E-F-FPm-h-O-TM	102x55x60	154	75	*
957001803	EP20000TE	Sincro	20	18	26	26	B&S Vanguard	28	21	895	41	7	5.9	B4-E1-F-FG-FPm-h-LE-OP-TM-V	100x64x72	213	79	*

Generating sets with * cannot be used outdoors in the EU.

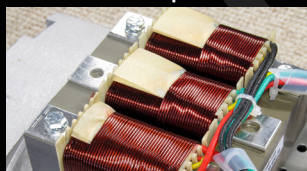
Features & Benefits

E-Start



All generating sets with **E** at the end of the type are electric start. You can use these generating sets in **backup systems**. If you combine an E-start generating set with **A.S.S.S.**, make sure that your gasoline generating set is equipped with an electric or automatic choke.

Reinforced phase



A standard three phase 400V alternator can supply **1/3 of its nominal power** per single phase. On **EP5000T** and **EP6500T(E)** generating sets, the alternator is wound with one reinforced phase, which enables the user to load the single phase socket up to **4kVA max.**

2-wheel kit



The 2-wheel kit can be equipped with **hard tires** or with **pneumatics**, depending on the surface the generating set will be used on. Furthermore the 2-wheel kit comes with **2 folding handles**. This offers a smaller overall footprint for **convenient transport and storage**.

B&S Vanguard



Briggs & Stratton Vanguard 31HP engines offer the power to produce a **20kVA three phase** generating set or a **16kVA single phase** generating set. Generators with these engines are **light in weight** and **small in size** for this power range.

ECO A.I.S.



ECO A.I.S. on generators with Honda GX690 stands for **Automatic Idle System** which means that the engine **goes to idle speed** when there is **no load** on the generating set. This technology leads to **increased fuel efficiency** and **longer run times**.

A.S.S.S.



A.S.S.S. stands for **Automatic Start Stop System** in case of **mains failure**: all generating sets with electric start can be equipped with this easy backup system which has a **built-in battery charger** and **computerized self-test**.



www.EUROPOWERGenerators.com