



# Silenced inverter air-cooled gasoline

## EUROPOWER Generators

Europower silenced inverter  
generating sets with Honda  
air-cooled gasoline engines,  
50Hz, 4 stroke

POWERED by  
**HONDA**



EPSi1000



EP0018EN/14

# LEGEND



## SOCKET CONFIGURATIONS

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

<b>B15</b>	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.
<b>B16</b>	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.
<b>B17</b>	1 socket CEE 230V - 16A + 1 socket CEE 400V - 16A 5 p.
<b>B18</b>	3 sockets 230V - 16A + 1 socket CEE 400V - 16A 5 p.
<b>BDIN1</b>	1 socket CEE 400V - 16A 5 p. IP67 + 3 Schuko sockets (DIN49442) 230V - 16A 3 p. IP68
<b>BDIN2</b>	1 socket CEE 400V - 32A 5 p. IP67 + 3 Schuko sockets (DIN49442) 230V - 16A 3 p. IP68

## VERSION

<b>AC</b>	Automatic choke (for temperatures > 0°C)
<b>AIS</b>	ECO-Automatic Idle System
<b>Amp1</b>	1 Amperemeter
<b>Amp3</b>	3 Amperemeters
<b>AREP</b>	Alternator Regulation Excitation Polymorphic
<b>AVR</b>	Automatic voltage regulator
<b>BFT</b>	Bunded fuel tank
<b>CLS</b>	Low coolant level switch
<b>DC12</b>	12V DC Battery Charger
<b>DC24</b>	24V DC Battery Charger
<b>DH</b>	Document holder
<b>DS</b>	Dual speed with economy switch
<b>DSE</b>	Deep Sea Electronics control and start module DSE4520
<b>E</b>	Electric start, battery included (battery acid not included)
<b>E1</b>	Electric start, maintenance free battery included
<b>EnB</b>	Electric start, battery not included
<b>EC</b>	Electric choke
<b>Erpm</b>	Electronic speed governor
<b>ES</b>	Emergency stop
<b>ET</b>	Earth tester with pilot lamp
<b>F</b>	Frame
<b>FG</b>	Mechanical fuel level meter
<b>FH</b>	Integrated forklift holes
<b>FI</b>	Earth leakage protection 30mA

<b>FI2</b>	Earth leakage protection 30mA without earth pin
<b>FI4</b>	Earth leakage protection 30mA with earth pin and 4m earth cable
<b>FIA</b>	Earth leakage protection 30-350mA, adjustable, with earth pin and 4m earth-cable
<b>FLM</b>	Fuel level meter
<b>FP</b>	Fuel pump 12V
<b>FPM</b>	Membrane fuel pump
<b>FFPM</b>	Manual fuel feed pump
<b>GALV</b>	Galvanised chassis with forklift holes and 20 mm bumper
<b>h</b>	Hour counter
<b>Hz</b>	Frequency meter
<b>IB</b>	Insulation protection
<b>LE</b>	Central lifting eye
<b>LFLS</b>	Low fuel level switch
<b>LFLS2</b>	Double low fuel level switch (alarm + shut down)
<b>LH</b>	4 Lifting handles
<b>LS2</b>	Leroy Somer alternator 'System 2' for tropical environment
<b>M</b>	Muffler (not mounted on the engine) + flange (supplied loose)
<b>MS</b>	Magneto-Stop
<b>O</b>	Oil guard
<b>ODP</b>	Oil drain pump
<b>OL</b>	Low oil pressure control lamp
<b>OP</b>	Low oil pressure guard
<b>P</b>	Portable
<b>PAI</b>	Preheating air intake
<b>PC</b>	5 'Powersafe' power connectors
<b>PI</b>	Illuminated control panel
<b>R</b>	Recoil starter
<b>TB</b>	Tool box with spare parts
<b>TC</b>	Terminal power connection
<b>TE</b>	Securing eyes for transportation
<b>Th</b>	Circuit breaker
<b>TM</b>	Thermal magnetic breaker
<b>TM2</b>	Thermal magnetic breaker, with tripping coil with individual thermal magnetic breakers on each socket
<b>TP</b>	High temperature security
<b>V</b>	Voltmeter
<b>VF</b>	Viscous fan clutch
<b>VS</b>	Voltmeter selector switch
<b>W</b>	Power meter with maximum indication
<b>WS</b>	Water separator



Europower silenced inverter generating sets with Honda air-cooled gasoline engines, 50Hz, 4 stroke

Article code	TYPE	Alter-nator	kVA max.	kVA cont.	Amp.		Engine Honda	hp	kW	cm <sup>3</sup>	Tank (l)	Cons. @75% load (l/h)	Auto-nomy @75% load (h)	Version (p.46)	Dimensions (cm)	kg	dB(A) @ 7m	LWA
					1 ~ 230V	12V DC												
960000101	EPSi1000	Sawafuji	1	0.9	3.9	8.3	GXH50	2.2	1.6	49	3.8	0.5	7.6	A0-AVR-DC12-DS-FPm-O-P-R-TM	47x27x38	14	64	89
960000200	EPSi2000	Sawafuji	1.7	1.5	6.5	8.3	GX100	2.9	2.1	98	7.7	1.1	7.0	A-AVR-DC12-FPm-O-P-R-TM	56x34x42	22	68	93

INVERTER TECHNOLOGY ANYWHERE YOU WANT

Europower Inverter Technology means **stable power in a smaller, lighter package**. You can operate most of the sensitive electronics without fear of interruption. Inverter technology is available on EPSi1000 and EPSi2000. Both generators produce a stable ‘square wave’ signal.

This process takes the raw power produced by the generating set and passes it through a special inverter. This means you can **operate** a computer or most other sensitive equipment, **even on a remote location**, with less possibility of interrupted service or damage to the equipment.

Most computers are being powered by 5 to 24V DC power supplies which are fed by the 230V grid or by a generating set. With inverter technology there is **very little voltage fluctuation**, which lowers the chances that your computer would either shut down or interrupt the program you are working in.



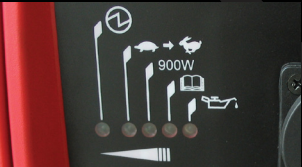
Features & Benefits

Dual-speed



Dual-speed on EPSi1000 gives the possibility to run the generating set at lower rpm at 75% of the nominal load, which leads to **higher fuel efficiency** and a **lower noise level**.

Electronic protection



Both generating sets are equipped with an electronic **thermal-magnetic protection** against **overcharge** and **short-circuit**.

12V DC



The **12V DC 8.3A outlet** with thermal protection enables the user to **charge batteries** or **feed other DC appliances at the same time as using the AC output**. Using the 12V DC outlet requires an optional charging cord.

Special housing



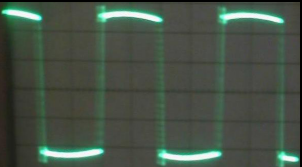
As an option EUROPOWER can supply **stainless steel or aluminum canopies** which give a **higher protection** to the generating set and make it **easier to stow away** the generator in a mobile workshop.

On / Off switch



The On/Off switch on EPSi1000 is simultaneously **stopping** the engine and **cutting off the fuel**, which assures that gasoline **can not leak** into the oil pan of the engine.

Square wave



The inverter produces a square wave which, in combination with the AVR, can feed most electronic appliances.



[www.EUROPOWERGenerators.com](http://www.EUROPOWERGenerators.com)