

GENERATING SET GE S-8054 HBT

The images are for reference



FEATURES

- Completely protective and partially hooded structure
- Large capacity tank with level indicator inserted in the cap
- Engine shutdown due to low oil level
- IP54 brushless AVR alternator
- Switch magnetemic
- Insulation monitor
- Multifunction digital instrument



air cooled



petrol



three-phase



manual
recoil

4 STROKE OHV, NATURAL ASPIRATED

* Stand-By single-phase power (LTP)	8 kVA (6,4 kW) / 400V/ 11,5A
* Stand-By single-phase power (LTP)	7 kVA (5,6 kW) / 400V/ 10,1A
* PRP single-phase power	5 kVA / kW / 230V / 21,7A
* COP single-phase power	/
Frequency	50 Hz
Cos φ	0.8

* Output powers according to ISO 8528-1

DEFINITION

Valid declared powers up to the followings environmental conditions: temperature 25°C, altitude 100 meters above sea level)

LTP power: stand-by power: Maximum available power for use with variable loads for a yearly number of hours limited at 500 h. No overload is admitted.

PRP power: continue power with variable loads. Maximum power for use with variable loads for a yearly illimited nubers of hours.

COP power: continuous power with constant load. Maximum power for use with constant loads for a yearly unlimited numbers of hours.

ENGINE 3000 RPM

4 STROKE OHV, NATURAL ASPIRATED

Model	HONDA GX 390
* Stand-By net power	8,2 kWm (11,1 hp)
* PRP net power	6,4 kWm (8,7 hp)
* COP net power	/
Cylinders / Displacement	1 / 389 cm ³ (0,39 lt.)
Bore / Stroke	88 / 64 (mm)
Compression ratio	8,2: 1
BMEP (Brake Mean Effective Pressure : LTP - PRP)	/
Speed governor type	Mechanical
FUEL CONSUMPTION	
110 % (Stand-by power)	3,5 lt./h
100 % to PRP	3,2 lt./h
75 % to PRP	2,4 lt./h
50 % to PRP	1,6 lt./h
COOLING SYSTEM	
Total system cap. - only engine	/
Fan air flow	/
LUBRICATION SYSTEM	
Total oil system capacity	/
Oil capacity in sump	1,1 lt.
Oil consumption at full load	/

EXHAUST SYSTEM

Maximum exhaust gas flow	/
Max. exhaust gas temp.	/
Maximum back pressure	/
External diameter exhaust pipe	/

ELECTRICAL SYSTEM

Starter motor power	/
Battery charging alternator cap.	/
Cold start	/
With cold start aid	/

AIR FILTER

Combustion air flow	/
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HEAT REJECTED AT FULL LOAD

To exhaust system	/
To water and oil	/
Radiated to room	/
To charge cooler	/

ALTERNATOR

SYNCHRONOUS, SINGLE-PHASE, SELF-EXCITED, SELF-REGULATED	
Continuous power	9 kVA
Stand-by power	10 kVA
Three phase voltage	380-415 Vac
Frequency	50 Hz
Cos φ	0.8
Model A.V.R.	Analogyc
Voltage regulation acc.	$\pm 1 \%$
Sustained short circuit current	3 In
Transient dip (100% load)	< 25 %
Recovery time	< 0.5 sec.
Efficiency at 100% load	/
Insulation	Classe F/H
Connection - Terminals	Star - N°4
Electromagnetic compatibility (R.F.I. suppr.)	EN 61000-6-2 EN 61000-6-3
Waveform distorsion - THD	< 5 %
Telephone interference - THF	/

REACTANCES (9 KVA - 400 V)	
Direct axis synchronuos - Xd	/
Direct axis transient - X'd	/
Subdirect axis transient - X''d	/
Quadrature axis synchronuos - Xq	/
Quadr. axis subtransient - X''q	/
Negative sequence - X2	/
Zero sequence - X0	/
TIME CONSTANTS	
Transient - T'd	/
Subtransient - T''d	/
Open circuit - T'do	/
Armature - Ta	/
Short-circuit ratio Kcc	/
IP protection degree	IP 54
Cooling air flow	/
Coupling I Bearing	Direct - N°1

GENERAL SPECIFICATIONS

Fuel tank capacity	20 lt.
Running time (75% to PRP)	8,5 h
Starter battery	/
IP protection degree	IP 23

Acoustic power LwA (pressure LpA)	96 dB(A) (71 dB(A) @ 7m)
Performance class (ISO 8528)	G2

CONTROL PANEL - Iso

- Manual recoil
- Engine start and stop key
- Fuel valve
- Choke
- Fuel gauge
- Multifunction digital instrument: Voltmeter - Frequency meter - Total hour counter - Partial hour counter (resettable)
- Circuit breaker
- Isometer
- Output sockets: 1x 400V 16A 3P+N+T CEE IP67
2x 230V 16A 2P+T Schuko
- Earth terminal (PE)

CONTROL PANEL - GFI (DGUV)

- Manual recoil
- Engine start and stop key
- Fuel valve
- Choke
- Fuel gauge
- Multifunction digital instrument: Voltmeter - Frequency meter - Total hour counter - Partial hour counter (resettable)
- Circuit breaker
- Earth leakage circuit breakers (GFI) for Schuko sockets 230V/16A
- Output sockets: 1x 400V 16A 3P+N+T CEE IP67
2x 230V 16A 2P+T Schuko
- Earth terminal (PE)

WEIGHT - DIMENSIONS AND ACCESSORIES

GE S-8054 HBT



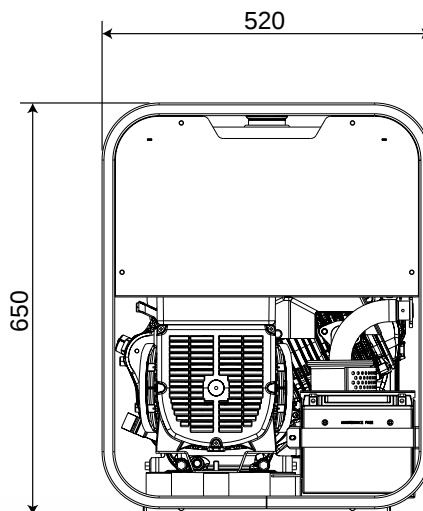
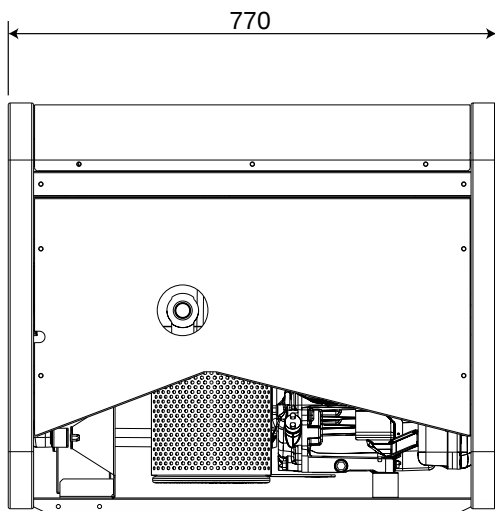
DRY WEIGHT MACHINE:

- 110 kg

Generating set pictured may include optional accessories.



DIMENSIONS DRAW (mm)



OPTIONS ON REQUEST

- Earthing kit
- Moving trolley CM8
- Lifting kit



VERSIONS AVAILABLE

CK7P00T2	ISO
CK7P00U2	GFI (DGUV)

GENERAL INFORMATION

COMPLIANCE GENERATING SETS WITH EC DIRECTIVES AND STANDARDS

- 2006/42 / EC (Machinery Directive)
- 2014/35 / UE (Low Voltage Directive)
- 2014/30 / UE (Electromagnetic Compatibility Directive)
- 2000/14 / EC (Acoustic Emission Directive for machines intended to operate outdoors)



ISO 9001:2015 - Cert. 0192

WARRANTY

All devices are covered by the manufacturer's warranty.

Non-contractual document. Specification subject to change without notice.

