

GENERATING SET S5000

MAIN FEATURES

Frequency	Hz	50
Voltage	V	230
Power factor	cos ϕ	0.9
Phase and connection		1

POWER RATING

Standby power LTP	kVA	4.43
Standby power LTP	kW	3.99
Prime power PRP	kVA	4.26
Prime power PRP	kW	3.83
Continuous power COP	kVA	3.88
Continuous power COP	kW	3.49

ENGINE SPECIFICATIONS

Brand		Honda
Model		GX270 Electric
Version		50 Hz
Nr. of cylinder and disposition		1 inclination angle 25°
Displacement	cm ³	270
Aspiration		Natural
Speed governor		Mechanical
Operating Speed-Nominal	rpm	3000
Continuous gross power COP	kW	4.6
Prime gross power PRP	kW	5.1
Maximum gross power LTP	kW	5.7

Oil capacity	L	1.1
Fuel		Gasoline
Specific fuel consumption @ 75% PRP	g/kWh	313
Specific fuel consumption @ PRP	g/kWh	313

ALTERNATOR SPECIFICATIONS

Brand		Mecc Alte
Model		S16W 105/A
Class		H
IP protection		23
Poles		2
Cooling air	m ³ /s	0.04

DIMENSIONAL DATA

Length	mm	842
Width	mm	523
Height	mm	557
Dry weight	kg	68

ADDITIONAL INFORMATION

Fuel tank capacity	L	18
Minimum continuous operating ambient temperature		-15
Maximum continuous operating ambient temperature		+45
MAX current	A	17.35
Circuit breaker	A	20
Fuel consumption @ 75% PRP	L/h	1.64
Fuel consumption @ 100% PRP	L/h	2.19

AUTONOMY

Running time @ 75% PRP	h	10.98
Running time @ 100% PRP	h	8.22

NOISE LEVEL

Measured noise power (LWA)	db(A)	96
Noise pressure level @ 7 mt	db(A)	68.11

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