

**ES Class Petrol:  
Long Run Energy**

A class of petrol generators designed specifically for intensive operations where performance power is demanded by professional users over an extended period of time.



**Fuel Tank**

With a long-run fuel capacity, stored in a safe yet easily accessible tank, ensures an uninterrupted power supply and autonomy whatever size of tasks undertaken.



**Filter**

Easy access to the air filter; for simple changing during essential maintenance. User also has easy access to fuel tap and choke knob for controller use.



**Sockets**

Fitted with both single and three phase sockets and fitted with IP44 thermal protection for user safety.



MODEL CODE		ES3000 PE242SHI	ES4000 PE292SHI	ES5000 PE402SHI	ES5000 PE532THI	ES8000 PE612SHI	ES8000 PE652THI
<b>GENERATOR 3000 RPM</b>							
<b>THREE-PHASE POWER</b>							
Power LTP	kW				5,04		6,64
Power COP/LTP	kVA				5,36 / 6,30		7,00 / 8,30
Voltage	Volt				400		400
Frequency	Hz				50		50
Power Factor	cos $\Phi$				0,8		0,8
<b>SINGLE-PHASE POWER</b>							
Power LTP	kW	2,59	3,1	4,6	3,74	6,43	4,93
Power COP/LTP	kVA	2.45/2.88	2,88/3,39	4,20/5,11	3.14 / 4.16	6,00/7,15	4,11 / 5,48
Voltage	Volt	230	230	230	230	230	230
Frequency	Hz	50	50	50	50	50	50
Power Factor	cos $\Phi$	0,9	0,9	0,9	0,9	0,9	0,9
<b>ENGINE</b>							
Model		Honda	Honda	Honda	Honda	Honda	Honda
Type		GX160	GX200	GX270	GX270	GX390	GX390
Displacement	cc	163	196	270	270	389	389
Cylinder		1 inclined	1 inclined	1 inclined	1 inclined	1 inclined	1 inclined
Power	kW	3,6	4,3	6,3	6,3	8,3	8,3
Fuel		unleaded petrol	unleaded petrol	unleaded petrol	unleaded petrol	unleaded petrol	unleaded petrol
Aspiration		natural	natural	natural	natural	natural	natural
Cooling system		air	air	air	air	air	air
Starting system		recoil	recoil	recoil	recoil	recoil	recoil
<b>CONSUMPTION</b>							
Consumption	g/kWh	313	313	313	313	313	313
Consumption at 75%	l/h	0,9	1,1	1,6	1,6	2,2	2,1
Tank capacity	l	11	11	11	11	11	11
Running time at 75%	h	11,8	9,9	6,7	6,7	5,1	5,2
<b>NOISE EMISSION</b>							
Noise level LWA	dB(A)	96	95	97	97	97	97
Acoustic pressure at 7 m	dB(A)	70	69	71	71	71	71
<b>DIMENSIONS AND WEIGHT</b>							
Length	mm	623	623	729	729	729	729
Width	mm	409	409	500	500	500	500
Height	mm	500	500	536	536	536	536
Weight (dry)	kg	40	43	58	75	73	81
<b>STANDARD EQUIPMENT</b>							
Thermal protection		•	•	•	•	•	•
Oil-guard system		•	•	•	•	•	•
Sockets		2 x 230V 16A	2 x 230V 16A	2 x 230V 16A	1 x 230V 16A 1 x 400V 16A	1 x 230V 16A 1 x 230V 32A	1 x 230V 16A 1 x 400V 16A
<b>PROTECTION</b>							
Electric protection		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Socket protection		IP 44	IP 44	IP 44	IP 44	IP 44	IP 44
<b>ACCESSORIES</b>							
Transportation kit		•	•	•	•	•	•
Hourmeter		•	•	•	•	•	•

LTP: Maximum Power COP: Continuous Power