

# ES SERIES

## 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.

UP TO  
12 HOURS  
AUTONOMY



Transportation kit

Cover



GENERATING SET	ES3000	ES4000	ES5000	ES5000	ES8000	ES8000
	Single phase	Single phase	Single phase	Three phase	Single phase	Three phase
<b>THREE PHASE</b>						
[POWER LTP] kw/kVA				5,0/6,3		6,6/8,3
[POWER COP] kw/kVA				4,3/5,4		5,6/7,0
<b>SINGLE PHASE</b>						
[POWER LTP] kw/kVA	2,6/2,9	3,1/3,4	4,6/5,1	3,7/4,2	6,4/7,2	4,9/5,5
[POWER COP] kw/kVA	2,2/2,5	2,6/2,9	3,9/4,2	2,8/3,1	5,5/6,0	3,7/4,1
<b>POWER SPECIFICATIONS</b>						
VOLTAGE Volt	230	230	230	400/230	230	400/230
FREQUENCY Hz	50	50	50	50	50	50
POWER FACTOR cos $\Phi$	0,9	0,9	0,9	0,8/0,9	0,9	0,8/0,9
<b>ENGINE</b>						
BRAND	Honda	Honda	Honda	Honda	Honda	Honda
MODEL	GX160	GX200	GX270	GX270	GX390	GX390
FUEL	Petrol	Petrol	Petrol	Petrol	Petrol	Petrol
DISPLACEMENT cc	163	196	270	270	389	389
SPEED (rpm)	3000	3000	3000	3000	3000	3000
CYLINDER	1 inclined	1 inclined	1 inclined	1 inclined	1 inclined	1 inclined
COOLING SYSTEM	Air	Air	Air	Air	Air	Air
STARTING SYSTEM	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
<b>CONSUMPTION</b>						
FUEL CONSUMPTION at 75% of load L/h	0,9	1,1	1,6	1,6	2,2	2,2
FUEL TANK CAPACITY L	11	11	11	11	11	11
RUNNING TIME at 75% of load h	11,8	9,9	6,7	6,7	5,1	5,1
<b>NOISE EMISSION</b>						
GUARANTEED SOUND POWER LEVEL LWA dB(A)	96	95	97	97	97	97
NOISE PRESSURE LEVEL at 7 mt dB(A)	70	69	71	71	72	72
<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	41	43	61	75	73	81
<b>SOCKET TYPE</b>						
	2 x SCHUKO	2 x SCHUKO	1 x SCHUKO 1 x 230V 16A	1 x 230V 16A* 1 x 400V 16A	1 x SCHUKO 1 x 230V 32A	1 x 230V 16A* 1 x 400V 16A
<b>ALTERNATOR AND SOCKET PROTECTION</b>						
ELECTRIC PROTECTION	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
SOCKET PROTECTION	IP 54	IP 54	IP 44	IP 44	IP 44	IP 44