

E SERIES

ESSENTIAL ENERGY (I)

Simple professional generators; maximum reliability and performance, with a basic but efficient configuration.



GENERATING SET	E3200	E4000	E5000	E5000	E8000	E8000
	single phase	single phase	single phase	three phase	single phase	three phase
THREE PHASE						
[POWER LTP] kW/kVA				5,0/6,3		6,6/8,3
[POWER COP] kW/kVA				4,3/5,4		5,6/7,0
SINGLE PHASE						
[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
POWER SPECIFICATIONS						
VOLTAGE V	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
ENGINE						
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 inc. angle	1 inc. angle	1 inc. angle	1 inc. angle	1 inc. angle	1 inc. angle
COOLING SYSTEM	Air	Air	Air	Air	Air	Air
STARTING SYSTEM	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
CONSUMPTION						
CONSUMPTION at 75% of load L/h	0,9	1,1	1,6	1,6	2,1	2,2
TANK CAPACITY L	3,6	3,6	6,0	6,0	6,5	6,5
RUNNING TIME at 75% of load h	3,9	3,2	3,7	3,7	3,0	3,0
NOISE EMISSION						
NOISE PRESSURE LEVEL at 7 m dB(A)	68	71	72	72	72	72
GUARANTEED SOUND POWER LEVEL LWA dB(A)	94	96	97	97	97	97
DIMENSIONS AND WEIGHT						
LENGTH mm	640	640	715	715	750	750
WIDTH mm	458	458	540	540	578	578
HEIGHT mm	400	400	490	490	531	531
WEIGHT (dry) Kg	38	36	61	74	72	75
SOCKET TYPE						
	2 x SCHUKO	2 x SCHUKO	2 x SCHUKO	1 x 230V 16A 1 x 400V 16A	1 x SCHUKO 1 x 230V 32A	1 x 230V 16A 1 x 400V 16A
ALTERNATOR AND SOCKET PROTECTION						
ELECTRIC PROTECTION	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
SOCKET PROTECTION	IP 54	IP 54	IP 54	IP 44	IP 44	IP 44

POWERFUL
DIESEL
ENGINE



GENERATING SET	E4500	E4500	E6500	E6000
	single phase	three phase	single phase	three phase
THREE PHASE				
(POWER LTP) kW/kVA		3,7/4,7		5,5/6,9
(POWER COP) kW/kVA		3,2/4,0		4,5/5,7
SINGLE PHASE				
(POWER LTP) kW/kVA	3,5/3,9	2,8/3,1	5,3/5,9	4,1/4,6
(POWER COP) kW/kVA	3,0/3,3	2,0/2,3	4,4/4,8	3,2/3,5
POWER SPECIFICATIONS				
VOLTAGE V	230	400/230	230	400/230
FREQUENCY Hz	50	50	50	50
POWER FACTOR $\cos\Phi$	0,9	0,8/0,9	0,9	0,8/0,9
ENGINE				
BRAND	Yanmar	Yanmar	Yanmar	Yanmar
MODEL	L70	L70	L100	L100
FUEL	diesel	diesel	diesel	diesel
DISPLACEMENT cc	296	296	406	406
SPEED rpm	3000	3000	3000	3000
CYLINDER	1 vertical	1 vertical	1 vertical	1 vertical
COOLING SYSTEM	Air	Air	Air	Air
STARTING SYSTEM	Recoil	Recoil	Recoil	Recoil
CONSUMPTION				
CONSUMPTION at 75% of load L/h	1,0	1,0	1,4	1,4
TANK CAPACITY L	3,5	3,5	5,5	5,5
RUNNING TIME at 75% of load h	3,5	3,5	4,0	4,0
NOISE EMISSION				
NOISE PRESSURE LEVEL at 7 m dB(A)	•	•	•	•
GUARANTEED SOUND POWER LEVEL LWA dB(A)	•	•	•	•
DIMENSIONS AND WEIGHT				
LENGTH mm	760	760	760	760
WIDTH mm	538	538	538	538
HEIGHT mm	560	560	560	560
WEIGHT [dry] Kg	54	70	100	96
SOCKET TYPE				
	2 x SCHUKO	1 x SCHUKO 1 x 400V 16A	1 x SCHUKO 1 x 230V 32A	1 x 230V 16A 1 x 400V 16A
ALTERNATOR AND SOCKET PROTECTION				
ELECTRIC PROTECTION	IP 23	IP 23	IP 23	IP 23
SOCKET PROTECTION	IP 54	IP 44	IP 44	IP 44

• For fixed installation only - for indoors use only - COP Continuous Power - LTP Maximum Power