

W & WP SERIES

MECHANIC WELDING

REGULATION

Welders from 170 to 230A with mechanical regulation of the welding current. Reliability, sturdiness. Soundproof and open versions depending on each particular need.



WELDER GENERATORS	W170	HGW180	W180	HGW210	W210	W230	WP180	WP230
WELDING PARAMETERS							SOUNDPROOF	SOUNDPROOF
WELDING CURRENT A	30-170	60-180	30-180	60-200	30-200	30-220	30-180	30-220
MIN/MAX WELDING VOLTAGE	21,2/26,8	22,4/27,2	21,2/27,2	22,4/28,0	21,2/28,0	21,2/28,8	21,2/27,2	21,2/28,8
WELDING SERVICE at 60% A	130	125	140	180	170	180	140	180
MAX DIAMETER OF ELECTRODE								
RUTILE mm	4	4	4	4	5	5	4	5
BASIC mm	3,25		4		4	4	4	4
CELLULOSE mm	3,25		4		5	5	4	5
THREE PHASE								
POWER (LTP) kW/kVA	4,0/5,0		4,2/5,3		5,1/6,4	5,7/7,2	4,2/5,3	5,7/7,2
POWER (COP) kVA	4,5		5,0		6,0	6,5	5,0	6,5
SINGLE PHASE								
POWER (LTP) kW/kVA	4,0/4,4	3,5/3,9	4,0/4,4	6,2/6,9	4,0/4,4	4,0/4,4	4,0/4,4	4,0/4,4
POWER (COP) kVA	4,0	3,3	4,0	5,9	4,0	4,0	4,0	4,0
POWER SPECIFICATIONS								
VOLTAGE VOLT	400/230	230	400/230	230	400/230	400/230	400/230	400/230
FREQUENCY Hz	50	50	50	50	50	50	50	50
POWER FACTOR cosφ	0,8/0,9	0,9	0,8/0,9	0,9	0,8/0,9	0,8/0,9	0,8/0,9	0,8/0,9
ENGINE								
BRAND	Honda	Honda	Yanmar	Honda	Honda	Ruggerini	Yanmar	Ruggerini
MODEL	GX270	GX270	L100	GX390	GX390	MD150	L100	MD150
FUEL	petrol	petrol	diesel	petrol	petrol	diesel	diesel	diesel
DISPLACEMENT cc	270	270	406	389	389	654	406	654
SPEED (rpm)	3000	3000	3000	3000	3000	3000	3000	3000
CYLINDER	1 vertical	1 vertical	1 vertical	1 vertical	1 vertical	2 in line	1 vertical	2 in line
COOLING SYSTEM	Air	Air	Air	Air	Air	Air	Air	Air
STARTING SYSTEM / ELECTRIC CIRCUIT (volt)	Recoil	Recoil	Electric	Recoil	Electric/Recoil	Electric	Electric	Electric
CONSUMPTION								
CONSUMPTION at 75% of load L/h	1,6	1,6	1,4	2,1	2,1	2,1	1,4	2,1
TANK CAPACITY L	6,0	6,0	5,5	6,5	6,5	18,0	24,0	24,0
RUNNING TIME at 75% of load h	3,7	3,7	3,8	3,0	3,0	8,8	16,9	11,7
NOISE EMISSION								
NOISE LEVEL LWA dB(A)	97	97	•	97	97	•	97	97
ACOUSTIC PRESSURE at 7 m dB(A)	72	72	•	72	72	•	72	72
DIMENSIONS AND WEIGHT								
LENGTH mm	810	802	810	802	810	970	930	930
WIDTH mm	610	510	610	510	610	600	555	555
HEIGHT mm	600	510	600	510	600	690	800	800
WEIGHT (dry)** Kg	108	62	143	76	114	176	180	193
SOCKET TYPE								
	1 x 230V 16A	2 x SCHUKO	1 x 230V 16A	2 x SCHUKO	1 x 230V 16A	1 x 230V 16A	3 x 230V 16A	3 x 230V 16A
	1 x 400V 16A		1 x 400V 16A		1 x 400V 16A	1 x 400V 16A	1 x 400V 16A	1 x 400V 16A
ALTERNATOR AND SOCKET PROTECTION								
ELECTRIC PROTECTION	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
SOCKET PROTECTION	IP 44	IP 54	IP 44	IP 54	IP 44	IP 44	IP 44	IP 44