

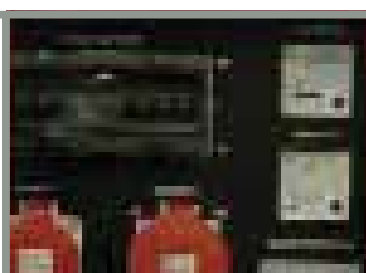
GBW SERIES

POWER AND VERSATILITY

The GBW Series offers reliable and powerful machines designed for professional use on construction sites and other industrial applications. With an excellent performance and easy installation they can be used either to support electricity mains failure or isolated locations.



Wide range of accessories



Analogue instrumentation and sockets



Support legs welded to baseframe



Water cooling sets

GENERATING SET	GBW10y	GBW15y	GBW22y	GBW30y	GBW45y
STAND BY POWER LTP kW/kVA	8,4/10,5	11,4/14,3	16,4/20,5	26,4/33,0	36,0/45,0
PRIME POWER PRP kW/kVA	7,6/9,5	10,4/13,0	14,9/18,6	26,0/32,5	35,2/44,0
VOLTAGE Volt / FREQUENCY Hz	400 / 50	400 / 50	400 / 50	400 / 50	400 / 50
PHASES	3	3	3	3	3
ENGINE					
BRAND	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar
MODEL	3TNV76	3TNV88	4TNV88	4TNV98	4TNV98T
COOLING SYSTEM	Water	Water	Water	Water	Water
FUEL	Diesel	Diesel	Diesel	Diesel	Diesel
NUMBER AND DISPOSITION OF CYLINDERS	3 in line	3 in line	4 in line	4 in line	4 in line
DISPLACEMENT cc	1116	1642	2190	3319	3319
ASPIRATION	Natural	Natural	Natural	Natural	Turbo
STARTING SYSTEM / ELECTRIC CIRCUIT (volt)	Electric / 12	Electric / 12	Electric / 12	Electric / 12	Electric / 12
SPEED rpm	1500	1500	1500	1500	1500
SPEED GOVERNOR	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
STAND BY POWER LTP kW	9,9	14,8	19,5	37,5	45,5
PRIME POWER PRP kW	9,0	13,5	17,7	34,1	41,4
FUEL CONSUMPTION at 75% / 100% PRP L/h	2,1 / 2,8	2,7 / 3,6	3,8 / 5,0	6,1 / 8,1	8,7 / 11,6
ALTERNATOR					
TYPE	with brushes	with brushes	with brushes	brushless	brushless
POLES	4	4	4	4	4
VOLTAGE REGULATION SYSTEM	Compound	Compound	Compound	Electronic	Electronic
OVERALL DIMENSIONS AND WEIGHT					
LENGTH mm	1600	1600	1600	2000	2000
WIDTH mm	870	870	870	920	920
HEIGHT mm	875	950	1000	1100	1100
WEIGHT Kg	280	390	426	560	623
FUEL TANK CAPACITY L	51	51	51	51	51
RUNNING TIME at 75% / 100% PRP h	23,9 / 18,0	19,0 / 14,2	13,5 / 10,1	8,4 / 6,3	5,9 / 4,4



GENERATING SET	GBW15p	GBW15d	GBW22p	GBW22d	GBW30p ⁽¹⁾	GBW45p ⁽¹⁾
STAND BY POWER LTP kW/kVA	11,3/14,1	11,4/14,3	16,1/20,1	16,1/20,1	24,0/30,0	36,0/45,0
PRIME POWER PRP kW/kVA	10,2/12,7	10,4/13,0	14,8/18,6	14,9/18,6	23,2/29,0	35,2/44,0
VOLTAGE Volt / FREQUENCY Hz	400 / 50	400 / 50	400 / 50	400 / 50	400 / 50	400 / 50
PHASES	3	3	3	3	3	33
ENGINE						
BRAND	Perkins	Deutz	Perkins	Deutz	Perkins	Perkins
MODEL	403D-15G	D2009L03	404D-22G	D2009L04	1103A-33G	1103A-33TG1
COOLING SYSTEM	Water	Water	Water	Water	Water	Water
FUEL	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
NUMBER AND DISPOSITION OF CYLINDERS	3 in line	3 in line	4 in line	4 in line	3 in line	3 in line
DISPLACEMENT cc	1496	1720	2216	2290	3300	3300
ASPIRATION	Natural	Natural	Natural	Natural	Natural	Turbo
STARTING SYSTEM / ELECTRIC CIRCUIT (volt)	Electric / 12	Electric / 12	Electric / 12	Electric / 12	Electric / 12	Electric / 12
SPEED rpm	1500	1500	1500	1500	1500	1500
SPEED GOVERNOR	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
STAND BY POWER LTP kW	13,3	15,6	20,3	20,0	30,4	45,6
PRIME POWER PRP kW	12,0	14,8	18,4	19,1	27,7	41,3
FUEL CONSUMPTION at 75% / 100% PRP L/h	2,7 / 3,6	2,7 / 3,6	3,8 / 5,1	3,5 / 4,7	5,1 / 6,8	7,8 / 10,4
ALTERNATOR						
TYPE	with brushes	with brushes	with brushes	with brushes	brushless	brushless
POLES	4	4	4	4	4	4
VOLTAGE REGULATION SYSTEM	Compound	Compound	Compound	Compound	Electronic	Electronic
OVERALL DIMENSIONS AND WEIGHT						
LENGTH mm	1600	1600	1600	1600	2000	2000
WIDTH mm	870	870	870	870	920	920
HEIGHT mm	950	1000	1000	1000	1100	1100
WEIGHT Kg	425	430	495	472	700	785
FUEL TANK CAPACITY L	51	51	51	51	51	51
RUNNING TIME at 75% / 100% PRP h	18,7 / 14,1	19,0 / 14,3	13,6 / 10,2	14,4 / 10,8	10,0 / 7,5	6,5 / 4,9

(1) This Generator is normally intended to be used for stationary application only. In this case, its engine would not have to comply with EU 97/68/EC Stage II (EU2007) Directive (no need for subsequent modifications and/or integrations).