GB Series



GBW 15-45







GBW 15-45

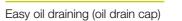
GBW 15-22



The GBW Series offers reliable and powerful machines designed for professional use to support electricity mains failure or serve isolated locations. Easy to transport, install and store thanks to their compact dimensions, these generators are ideal for home stand-by, construction sites, mobile workshops and small industrial applications. Available both in open and soundproof version.

OPEN







Industrial silencer delivered loose



CANOPY



Moving and rotating parts protections against accidental

Integrated central lifting point



Easy fuel refilling through external tap



Canopy noise attenuation with polyurethane foam



GBW 30-45

CANOPY



Single detachable lifting eye



Base frame with integrated feet



Visual fuel level indicator located in the base frame



GENERATING SET	
POWER SUPPLY	
THREE PHASE	
STAND BY POWER LTP	
PRIME POWER PRP	
POWER SPECIFICATIONS	
VOLTAGE	Volt
FREQUENCY	Hz
POWER FACTOR	cos
ENGINE	
BRAND	
MODEL	
FUEL	
DISPLACEMENT	CC
SPEED	rpm
CYLINDER	
COOLING SYSTEM	
STARTING SYSTEM	
ELECTRIC CIRCUIT	Volt
ASPIRATION	
SPEED GOVERNOR	
EMISSION STAGE COMPLIANCE EU	
STAND BY POWER LTP	kW
PRIME POWER PRP	kW
ALTERNATOR	
TYPE	
POLES	
VOLTAGE REGULATION SYSTEM	
ALTERNATOR PROTECTION	IP
CONSUMPTION	
FUEL CONSUMPTION at 75% of load	L/h
FUEL CONSUMPTION at 100% of load	L/h
VERSION	
DIMENSION AND WEIGHT	
LENGTH	mm
WIDTH	mm
HEIGHT	mm
WEIGHT (DRY)	kg
FUEL TANK MATERIAL	
FUEL TANK CAPACITY	L
RUNNING TIME at 75% of load	h
CONTROL PANEL AVAILABLE	
MANUAL CONTROL DANIEL	MCP
MANUAL CONTROL PANEL	IVIUT

GBW10Y		GBV	V10P	GBV	GBW15P		GBW15Y		GBW25Y		GBW25P	
kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	
8,9	11,2	9,5	11,9	13,5	16,9	13,9	17,3	18,7	23,4	20,7	25,8	
8,2	10,2	8,6	10,8	12,2	15,3	12,8	16,0	17,7	22,2	18,7	23,4	
0,2	10,2	0,0	10,0	12,2	13,3	12,0	10,0	17,7	22,2	10,1	20,4	
480	/ 277	480 / 277		480 / 277		480 / 277		480 / 277		480 / 277		
6	60	60		60		60		60		60		
0),8	0	,8	0,8		0,8		0,8		0,8		
Von		Dox	leina	Dox	leina	Von		Von		Doe	kina	
	imar c cpcr	Perkins 403D-11G			Perkins		Yanmar POPOF		Yanmar 4TN/400 DODGE		Perkins 404D-200	
	6-GPGE				0-15G	3TNV88-BGPGE		4TNV88-BGPGE		404D-22G		
	esel I16		esel 31		esel 196	Diesel		Diesel		Diesel		
	300		300		300	1800		2190		2216 1800		
	ı line		line		3 in line		3 in line		4 in line		line	
	ater		ater		Water		Water		Water		iter	
Ele	ctric	Ele	ctric	Ele	ctric	Electric		Electric		Electric		
1	12	1	2	12		12		12		12		
Nat	tural	Nat	tural	Nat	tural	Natural		Natural		Natural		
Mech	nanical	Mech	anical	Mech	nanical	Mechanical		Mechanical		Mechanical		
Tier 4	Interim	Tier 4	Interim	Tier 4	Tier 4 Interim		Tier 4 Interim		Tier 4 Interim		Tier 4 Interim	
1	1,1	11	1,8	16	6,2	16	16,9		22,5		24,3	
10	0,2	10	0,7	14	4,7	16,1		21,4		22,0		
Rrue	hless	Rrue	hless	Rrue	hlace	Rrue	hlace	Rrue	hlace	Rrue	hless	
	4		4	Brushless 4		Brushless 4		Brushless 4		4		
	pound		pound				oound				oound	
	21		21	Compound 21		21		Compound 21		21		
2,43		43 2,47		3,27		3,52		4,85		4,73		
3,22		3,16		4,32		4,66		6,40		6,10		
OPEN	CANOPY	OPEN	CANOPY	OPEN	CANOPY	OPEN	CANOPY	OPEN	CANOPY	OPEN	CANOP	
1600	1645	1600	1645	1600	1645	1600	1640	1600	1640	1600	1645	
870	870	870	870	855	870	870	900	870	900	870	870	
875	1072	875	1072	1000	1060	950	1075	1000	1075	1000	1060	
250	460	385	460	437	545	400	470	536	506	465	555	
Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	
51	51	51	51	51	51	51	51	51	51	51	51	
20,99	20,99	20,65	20,65	15,60	15,60	14,49	14,49	10,52	10,52	10,78	10,78	
	3		3		3		3		3		3	
4			4		4		9	•	4		9	

Reference number; for descriptions and options see ELECTRICAL EQUIPMENT page 48 - **= Other configurations and detailed specifications are available on www.pramac.com - * Open version only for stationary applications

GBW 10 - 25 DIESEL

FREQUENCY POWER FACTOR C ENGINE BRAND MODEL FUEL DISPLACEMENT SPEED CYLINDER COOLING SYSTEM STARTING SYSTEM SELECTRIC CIRCUIT ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH MUDTH FUEL CHART FUEL CONSUMPTION AT 100% of load FUEL CONSUMPTION AT 100% of load FUEL CONSUMPTION AND WEIGHT LENGTH FUEL CHART FUEL CONSUMPTION AND WEIGHT FUEL CHART FUEL	Volt
STAND BY POWER LTP PRIME POWER PRP POWER SPECIFICATIONS VOLTAGE SERGINE BRAND MODEL FUEL DISPLACEMENT SPEED CYLINDER COOLING SYSTEM STARTING SYSTEM STARTING SYSTEM SELECTRIC CIRCUIT VOLTAGE REGULATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH MIDTH FUEL TANK MATERIAL F	Volt
PRIME POWER PRP POWER SPECIFICATIONS VOLTAGE PREQUENCY POWER FACTOR CENGINE BRAND MODEL FUEL DISPLACEMENT SPEED CYLINDER COOLING SYSTEM STARTING SYSTEM SELECTRIC CIRCUIT VOLTAGE PROVER TOP STARTING SYSTEM SELECTRIC CIRCUIT VOLTAGE PROVER TOP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load I VERSION DIMENSION AND WEIGHT LENGTH MIDTH FUEL TANK MATERIAL FUEL T	Volt
POWER SPECIFICATIONS VOLTAGE VOLTAGE VOLTAGE VOLTAGE FREQUENCY POWER FACTOR C ENGINE BRAND MODEL FUEL DISPLACEMENT SPEED CYLINDER COOLING SYSTEM STARTING SYSTEM SELECTRIC CIRCUIT ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load I VERSION DIMENSION AND WEIGHT LENGTH MIDTH FUEL TANK MATERIAL FUEL	Volt
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FREQUENCY POWER FACTOR C ENGINE BRAND MODEL FUEL DISPLACEMENT SPEED CYLINDER COOLING SYSTEM STARTING SYSTEM ELECTRIC CIRCUIT ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT MIDTH FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	Volt
POWER FACTOR C ENGINE BRAND MODEL FUEL DISPLACEMENT SPEED CYLINDER COOLING SYSTEM STARTING SYSTEM STARTING SYSTEM ELECTRIC CIRCUIT ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH MIDTH FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
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BRAND MODEL FUEL DISPLACEMENT SPEED CYLINDER COOLING SYSTEM STARTING SYSTEM STARTING SYSTEM SELECTRIC CIRCUIT ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load VERSION DIMENSION AND WEIGHT LENGTH MIDTH THEIGHT TWEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	COS
MODEL FUEL DISPLACEMENT SPEED TOCYLINDER COOLING SYSTEM STARTING SYSTEM STARTING SYSTEM STARTING SYSTEM SELECTRIC CIRCUIT ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP INTERPRET POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load INTERPRETON DIMENSION AND WEIGHT LENGTH INTERPRETON DIMENSION AND WEIGHT INTERPRETON FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
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COOLING SYSTEM STARTING SYSTEM ELECTRIC CIRCUIT ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load I VERSION DIMENSION AND WEIGHT LENGTH MIDTH THEIGHT TWEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	rpm
STARTING SYSTEM ELECTRIC CIRCUIT ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load I VERSION DIMENSION AND WEIGHT LENGTH MIDTH FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
ELECTRIC CIRCUIT ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load I VERSION DIMENSION AND WEIGHT LENGTH WIDTH FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
ASPIRATION SPEED GOVERNOR EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load I VERSION DIMENSION AND WEIGHT LENGTH IF I MIDTH I FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
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EMISSION STAGE COMPLIANCE EU STAND BY POWER LTP PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load I VERSION DIMENSION AND WEIGHT LENGTH MIDTH PHEIGHT PUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
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PRIME POWER PRP ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH MIDTH T WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
ALTERNATOR TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH MIDTH FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	kW
TYPE POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load If UEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH WIDTH FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	kW
POLES VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load If FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH IF WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
VOLTAGE REGULATION SYSTEM ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load I FUEL CONSUMPTION at 100% of load I VERSION DIMENSION AND WEIGHT LENGTH IF WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
ALTERNATOR PROTECTION CONSUMPTION FUEL CONSUMPTION at 75% of load I FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH IF WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
CONSUMPTION FUEL CONSUMPTION at 75% of load FUEL CONSUMPTION at 100% of load I VERSION DIMENSION AND WEIGHT LENGTH MIDTH FUEL TANK (APACITY RUNNING TIME at 75% of load	
FUEL CONSUMPTION at 75% of load FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH MIDTH FUEL TANK (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	IP
FUEL CONSUMPTION at 100% of load VERSION DIMENSION AND WEIGHT LENGTH MIDTH FHEIGHT WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
VERSION DIMENSION AND WEIGHT LENGTH MIDTH FHEIGHT FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	L/h
DIMENSION AND WEIGHT LENGTH WIDTH HEIGHT WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	L/h
LENGTH F MIDTH F HEIGHT F WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
WIDTH r HEIGHT r WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	
HEIGHT r WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	mm
WEIGHT (DRY) FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	mm
FUEL TANK MATERIAL FUEL TANK CAPACITY RUNNING TIME at 75% of load	mm
FUEL TANK CAPACITY RUNNING TIME at 75% of load	kg
RUNNING TIME at 75% of load	
	L
CONTROL PANEL AVAILABLE	h
MANUAL CONTROL PANEL N	

GBW	30P	GBW	/35Y	GBW	/45Y	GBW	/45P	
kW	kVA	kW	kVA	kW	kVA	kW	k'	
30,7	38,4	30,7	38,4	45,1	56,4	45,6	57	
28,9	36,1	29,3	36,6	42,8	53,6	43,2	54	
480 /	077	480	1077	490	480 / 277		/ 277	
0,		0,		0			,8	
Perl	tins	Yan	mar	Yan	mar	Per	kins	
1103 <i>A</i>	1-33G	4TNV98-EF	A-ZGPGEC	4TNV98	T-GPGE	1103A	-33TG1	
Die		Die		Die			esel	
33		33		33			100	
18 3 in		18 4 in		18 4 in		1800		
Wa		Wa		Wa		3 in line Water		
Elec		Elec			etric	Electric		
1:	2	12		12		12		
Nati	ıral	Natural		Natural		Turbocharged		
Mecha	anical	Mechanical		Mechanical		Mechanical		
Non Emissi	on Certified	Tier 4 Interim		Non Emission Certified		Non Emission Certifi		
36	,5	46,9		50,6		55,6		
33	,2	42	,2	48	3,1	50),5	
Brush	nless	Brusi	nless	Brusi	hless	Brus	hless	
4		4	1	4	1		4	
Elect	ronic	Elect	ronic	Elect	ronic	Elect	tronic	
2	3	2	3	2	1	2	1	
6,6	63	6,	91	9,	89	9.	79	
8,6		9,22		13,23		12,70		
OPEN		OP	OPEN		OPEN		OPEN	
20		2000		2000		2000		
920		920		920		920		
1100		1100		1100		1100		
700		560 Plastic		580 Plastic		785 Plastic		
Plastic 51 7.69								
				51 5,16		51 5,21		
,,,	· ·	* 5'		0,		0,		
•		•			3		3	

Reference number; for descriptions and options see ELECTRICAL EQUIPMENT page 48 - **= Other configurations and detailed specifications are available on www.pramac.com - *Open version only for stationary applications



ELECTRICAL EQUIPMENT

GB SERIES

CONTROL PANELS

Reverse power

Terminals connection for LTS panel
Predisposed for remote control RCG
Predisposed for remote start

PHS - Coolant Pre-Heating System

Туре	Manual Control Panel	Automatic Control Panel
Control panels with controls, instrumentations and protections to meet multiple applications. Designed for dedicated metallic box assembled and integrated into the generator.		
OPERATIONAL TYPES		
MANUAL START/STOP	√	√
AUTOMATIC MAIN FAILURE		√ (with LTS)
AUTOMATIC START/STOP (remote)		√
COMMAND		
Operation modes	0FF	0FF
	Manual starting	Manual starting
		Automatic starting
		Automatic test
Emergency stop button	√	√
Circuit breaker	√	√
INSTRUMENTATIONS		
Туре	Analogue	Digital control unit
Genset voltage	1 phase sensing	3 phases sensing
Genset current intensity	-	1 phase sensing
Frequency meter	-	√
Hour meter	√	√
Oil pressure	-	√
Engine temperature	-	√
Generating set Power	-	kVA - kW - kVAr - Cos Φ
Battery voltage	-	√
Mains voltage	-	√
Engine speed r.p.m.	-	√
PROTECTIONS		
Low oil pressure	√	√
High engine temperature	√	√
Battery charger failure	√	√
Earth Fault	√	√
Circuit breaker protection	III Poles	III Poles
Under/Over Voltage	-	√
Under/Over Frequency	-	√

MCP (3)

ACP 4

OPTIONALSGB SERIES

SUPPLEMENTS AND ACCESSORIES **

PHS - COOLANT PREHEATING SYSTEM

To maintain the engine at a temperature that ensures a quick start when required



RES - RESIDENTIAL SILENCER

To reduce exhaust noise emissions for open generators



TRAILERS

Designed to transporting our generator sets with maximum safety.

Available in two different types both for road and site applications, according to customer needs



LTS - LOAD TRANSFER SWITCH PANEL

To transfer the load from the mains to the generator and vice versa



RCG - REMOTE CONTROL

Large list of additional modules/devices for remote operation and control of the generating set



FEC - FLEXIBLE EXHAUST COMPENSATOR

Damp down vibrations from engine to exhaust piping



48

 $[\]sqrt{\ }$ = standard - 0 = Accessory available - S = Supplement (version available when ordered) - - = Not available - * *= Other configurations and detailed specifications are available on www.pramac.com

 $[\]ensuremath{^{\star\,\star}}=$ Other configurations and detailed specifications are available on www.pramac.com