

genpower®
generator

GBS Series

With Briggs & Stratton Engine
3000 rpm, 50 Hz, threephase



models
with rope handle
GBS 60 T
GBS 80 T

models
with start-stop key
GBS 60 TS
GBS 80 TS

models
with starter
and canopy
GBS 60 TE
GBS 60 TSE
GBS 80 TE
GBS 80 TSE
GBS 100 TE
GBS 120 TE
GBS 150 TE

STANDART PROPERTIES

ENGINE

- * VANGUARD or INTEK gasoline engine
- * Revolution : 3000 rpm
- * Air cooled
- * OHV (provide longer run time)
- * Magnetron Electronic Ignition
- * Silent exhaust (only for S series)

ALTERNATOR

- * SINCRO alternator
- * Synchronic
- * Brushes type
- * Short circuit resistance 350% for 10 seconds
- * Automatic voltage regulator
- * Insulation class: F/H
- * Protection class: IP21
- * Voltage: 231/400 V
- * Frequency: 50 Hz
- * Voltage regulation tolerance: $\pm 5\%$
- * Threephase type

CHASSIS

- * Mounted on the steel tube chassis
- * Vibration dampers between engine and chassis
- * Fuel tank is located on the engine
- * Big capacity fuel tank (only for S series)
- * Dial type fuel indicator
- * Hidden wheels - two movable (only for S series)

QUALITY CERTIFICATES



TS EN ISO 9001:2000
Quality Management System
Certificate no:
12 100 19511 TMS



Certificate of Conformity
to Turkish Standard
TS-ISO-8528-4
equivalent to:
(EN 300182-1V 1.3.6)

CANOPY (only for E series)

- * Designed for easy lifting and moving
- * Metal parts are coated with electrostatic powder paint
- * Exhaust silencer is protected against environmental effects
- * Thermally insulated exhaust system
- * Acoustic insulation with rot-proof, moisture-repellent impregnation and non-flammable material (per DIN 4102 A2)

ADVANCE PANEL (only for S series)

- * Ammeter (1 unit)
- * Voltmeter (1 unit)
- * Socket
- * Circuit breaker
- * Start-Stop Key

MANUEL CONTROL PANEL

- * Socket
- * Voltmeter (1 unit)
- * Circuit breaker

AUTOMATIC CONTROL PANEL

- * Ammeter (1 unit)
- * Voltmeter (1 unit)
- * Fuses
- * Relays
- * Contactors (2 unit, with appropriate amper)
- * Automatic transfer unit
- * Battery charger

GBS Series

Briggs&Stratton Engine
3000 rpm, 50 Hz, threephase



OPTIONAL PROPERTIES

- * Protection canopy (only for E series)
- * Sound proof canopy (only for E series)
- * Mounting on trailer
- * Manuel panel
- * Automatic panel (only for E series)



TECHNICAL SPECIFICATIONS

MODELS, 3000 rpm, 50 Hz		GBS 60 T	GBS 80 T	GBS 60 TS	GBS 80 TS	GBS 60 TE	GBS 60 TSE	GBS 80 TE	GBS 80 TSE	GBS 100 TE	GBS 120 TE	GBS 150 TE
-------------------------	--	----------	----------	-----------	-----------	-----------	------------	-----------	------------	------------	------------	------------

POWER OUTPUT

Stand-by	kVA(kW)	5,5(4,4)	7,5(6)	5,5(4,4)	7,5(6)	5,5(4,4)	5,5(4,4)	7,5(6)	7,5(6)	10(8)	12(9,6)	15(12)
Prime	kVA(kW)	5(4)	7(5,6)	5(4)	7(5,6)	5(4)	5(4)	7(5,6)	7(5,6)	9(7,2)	11(8,8)	13,5(10,8)

ENGINE

Brand		BRIGGS & STRATTON	BRIGGS & STRATTON	BRIGGS & STRATTON	BRIGGS & STRATTON	BRIGGS & STRATTON	BRIGGS & STRATTON	BRIGGS & STRATTON	BRIGGS & STRATTON	BRIGGS & STRATTON	BRIGGS & STRATTON	BRIGGS & STRATTON
Model		VANGUARD	VANGUARD	VANGUARD	VANGUARD	VANGUARD	VANGUARD	VANGUARD	VANGUARD	VANGUARD	VANGUARD	VANGUARD
Model No		1854320552	2454320290	1854320627	2454320562	1854320254	1854370628	2454370280	2454370563	3054470116	3504471005	3854470111
Power	kW(hp)	6,6 (9)	9,7 (13)	6,6(9)	9,7 (13)	6,6 (9)	6,6(9)	9,7 (13)	9,7 (13)	11,9(16)	13,4(18)	15 (20)
Power Factor		0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
No of Cylinders		1	1	1	1	1	1	1	1	2	2	2
Air Intake System		Natural	Natural	Natural	Natural	Natural	Natural	Natural	Natural	Natural	Natural	Natural
Cooling Type		Air Cooled	Air Cooled	Air Cooled	Air Cooled	Air Cooled	Air Cooled	Air Cooled	Air Cooled	Air Cooled	Air Cooled	Air Cooled
Fuel Consumption	lt/hour	1,81	2,53	1,81	2,53	1,81	1,81	2,53	2,53	2,84	3,36	3,79
Fuel Consumption	lt/hour	2,72	3,77	2,72	3,77	2,72	2,72	3,77	3,77	4,67	5,55	6,69
Fuel Tank Capacity	lt	7,9	7,9	16	16	7,9	16	7,9	16	16	16	16

ALTERNATOR

Brand		SINCRO	SINCRO	SINCRO	SINCRO	SINCRO	SINCRO	SINCRO	SINCRO	SINCRO	SINCRO	SINCRO
Model		ET2MBS	ET2MCS	ET2MBS	ET2MCS	ET2MBS	ET2MBS	ET2MCS	ET2MCS	ET2LAS	ET2LBS	FT2MAS
Stand-by Power	kVA(kW)	5,5(4,4)	7,5(6)	5,5(4,4)	7,5(6)	5,5(4,4)	5,5(4,4)	7,5(6)	7,5(6)	10(8)	12(9,6)	15(12)

DIMENSIONS AND WEIGHT

Width	w/o canopy (w/canopy)	mm	600	600	600	600	600(750)	600(750)	600(750)	600(750)	750(750)	750(750)	750(750)
Length	w/o canopy (w/canopy)	mm	825	825	825	825	825(1150)	825(1150)	825(1150)	825(1150)	850(1150)	850(1150)	850(1150)
Height	w/o canopy (w/canopy)	mm	650	650	660	660	650(950)	650(960)	650(950)	650(960)	720(950)	720(950)	720(950)
Weight	w/o canopy (w/canopy)	kg	70	83	75	88	85(150)	90(155)	98(165)	103(170)	104(170)	110(175)	120(185)

GENPOWER reserves the right to modify the characteristics of its products at any time in order to incorporate the latest technological developments.

The information contained in this document may therefore be changed without notice. For more technical data and information, please contact to GENPOWER

GEN-004-03.rev:A0, 01/09/2005