

TEKSAN mini...
Do not underestimate it!

Portable Generator Sets



TEKSAN mini

25th year

TEKSAN MINI GASOLINE GENERATOR SETS

TM2400HB1-I



TM3200HB1-I



TM15000HB1-O / TM16000HB3-O



TM12000HB3-M



TM7500HB1-I / M / O / TM8000HB3-M



Teksan Mini Generator Sets occupy minimum space but provide maximum power with high efficiency.

Thanks to their compact and durable designs, high performance with low fuel consumption and different power output options, Teksan Mini products deliver more than you expect. Furthermore, you will always find our strong spare parts and service support with you.



MINI GASOLINE GENERATOR NEED CHART

	Need on run-time (W) watt	Additional need for first operation (W) watt		Need on run-time (W) watt	Additional need for first operation (W) watt
HOME APPLIANCES			CONSTRUCTION TOOLS		
Coffee machine	1750	0	Air Compressor (1 hp)	1500	4500
Dishwasher	700	1400	Hand drill (1/2 inch)	600	0
Electrical deep fryer	1300	0	Washing mac. w/high pr. (1 hp)	1200	3600
Electrical oven	2100	0	Circular saw	1400	2300
Microwave oven (625 W)	625	800	Chain saw (2 hp)	1100	0
Refrigerator	700	2200	INDUSTRIAL MOTORS		
Room heater	250	0	1/4 hp	600	1000
Room booster	400	400	1/3 hp	720	1300
Mixer	150-450	200	1/2 hp	875	2300
Blender	300	200	1 hp	1600	4500
Hair dryer	1300	300	AGRICULTURE EQUIPMENTS		
Video	100	0	Milk cooler	1100	1800
Water heater	3000	0	Milking machine (2 hp)	1000	2300
Washing machine	1150	2300	OFFICE EQUIPMENTS		
Clothes dryer	5750	1800	Desktop computer	600-800	0
Illumination	60	0	Laptop computer	200-250	0
Radio	50-200	0	Monitor	200-250	0
Television	300	0	Fax machine	600-800	0
Air-conditioner (10.000 BTU)	1500	2200	Printer	400-600	0

Values defined above are average and estimated values. Certain power test should be performed before purchasing of the product.

TECHNICAL SPECIFICATIONS

TEKSAN MINI		TECHNICAL SPECIFICATIONS					
MODEL		TM2400HB1-I	TM3200HB1-I	TM7500HB1 I / M / O	TM8000HB3-M	TM12000HB3-M	TM15000HB1-O TM16000HB3-O
Engine HONDA		GX 160	GX 200	GX 390	GX 390	GX 630	GX 690
Engine Type		Gasoline – 4-time – Single Cylinder				Gasoline – 4-time – Double Cylinder	
Engine Weight (Kg)		15,1	16,1	31,5	31,5	44	44
Diameter X Stroke (mm)		68x45	68x54	88x64	88x64	78x72	78x72
Oil Capacity (Liter)		0,6	0,6	1,1	1,1	1,7	1,7
Compression Ratio		9:1	8,5:1	8,2:1	8,2:1	9,3:1	9,3:1
Maximum Power (HP@rpm)		4,8@3600	5,5@3600	11,7@3600	11,7@3600	20,8@3600	22,1@3600
Cylinder Volume (cm³)		163	196	389	389	688	688
Cooling System		Air Cooled				Digital CDI	Digital CDI
Ignition System		Transistor Magneto					
Operation		Recoil	Recoil	Recoil / Ignition / Auto	Ignition	Ignition	Auto
Fuel Tank Capacity (Liter)		3,6	9	19,5	19,5	19,5	19,5
Fuel Consumption (l/s)		1,32	1,63	3,20	3,20	4,7	5,8
Frequency (Hz)		50	50	50	50	50	50
Voltage (+/-5) (V)		230	230	230	230/400	230/400	230/400
Maximum Operation Power (KVA)		2,4	3,2	7,5	8	12	16/15
Constant Operation Power (KVA)		2,2	3	6,8	7	11	14
Constant Output Current (Amp)		10	13	30	10	48/14	56/16
Alternator Type		Single-Phase	Single-Phase	Single-Phase	Three-Phase	Three-Phase	Single-Phase / Three-Phase
Alternator Weight (Kg)		17	15	30	36	54/46,5	68,5/57,5
Noise Level ISO8528-10 (dB)		96	95	103-104	102-103	101	101
Sizes (cms) L x W x H		62x43x59	61x42x51	78x62x73	78x62x73	78x73x77	78x73x77
Dry Weight (Kg)	Recoil Starting	41	42	93	140		
	Electrical Starting			108	115	157/148	168/158



Overhead
Valve Engine



Large
Fuel Tank



Lube Level
Maintainer



Voltmeter



Fuel Gauge



Starter



★ For Manual and
Auto Models



Can be provided
(given) DC
output



AC Circuit
Breaker

Superior specifications, high performance!

Teksan Mini Generator Sets provide the power you need with maximum efficiency. Thanks to their compact and durable designs, high performance with low fuel consumption and different power output options, Teksan Mini products deliver more than you expect.



UNINTERRUPTED POWER

With state-of-art engines and high capacity fuel tanks they have, Teksan Mini portable gensets produces uninterrupted power for longer time.



EASY AND SAFE USAGE

Decompression with automatic mechanism and ignition system with transistor enables easy operation while you are pulling rope of generator without wasting much power. Operation rope rewinds itself automatically after generator set is started to operate. Our self-starter models are optional.



CLEAN AIR, HIGH EFFICIENCY

The air, which circulated in the engine, is enabled to keep cleaner thanks to high capacity air filters, so more efficient combustion and optimum motor output power are acquired.



AUTOMATIC CIRCUIT BREAKER

In case of overload that may reveal in generator sets or short circuit, AC and DC circuit breakers interrupt the power, deactivate the generator sets.



LUBE LEVEL MAINTAINER

Decreases on oil level may cause damage on motor. Lube level maintainer controls this level constantly and does not allow operation of engine in case the level decreases.



BOTH DURABLE AND PRACTICAL

Durable chassis, that is surrounding all parts, enables easy transport while protecting generator.



ECONOMICAL

Compact and light engines, which operate with high efficiency, delivers significant economy on fuel consumption.

TEKSAN MINI DIESEL GENERATOR SETS

TM7500AD1-I / M / O

TM8000AD3-I / M - O



TM9000AD1-I / M - O

TM10000AD3-I / M - O



TECHNICAL SPECIFICATIONS

TEKSAN MINI		TECHNICAL SPECIFICATIONS			
MODEL		TM7500AD1-I/M/O	TM8000AD3-I/M/O	TM9000AD1-I/M/O	TM10000AD3-I/M/O
Engine		ANTOR 3LD510		ANTOR 4LD640	
Engine Type		Direct Injection One Cylinder Diesel Engine			
Engine Weight (kg)		60		98	
Diameter x Stroke (mm)		85x90		95x90	
Cylinder Volume (cm³)		510		638	
Compression Ratio		17,5:1		17,0:1	
Max. Power (HP@rpm)		12,0		13,0	
Lubrication Oil Capacity (Litre)		1,75		2,6	
Cooling System		Air Cooled			
Starter		Recoil / Electrical Starting / Auto			
Fuel Tank Capacity (Litres)		19,5			
Fuel Consumption (Litres/hour)*		2,32 - 2,40		2,96 - 3,09	
Frequency (Hz)		50			
Voltage AC (+ %5) (V)		230 Single-Phase	230/400 Three-Phase	230 Single-Phase	230/400 Three-Phase
Max. Operation Power (kVA)*		7,5	8	9	10
Constant Operation Power (kVA)*		7	7	8,5	9,5
Constant Output Current (Amp)*		30,4	19,5 / 12,2	38,5	21,7 / 14,4
Alternator Type		Single-Phase Brushless	Three-Phase Brushed	Single-Phase Brushless	Three-Phase Brushed
Alternator Weight (kg)		30	36	43	40
“Noise Level ISO8528-10 (dB)”		108		111	
“Dimensions (mm) L x W x H”		781 x 622 x 850		781 x 622 x 890	
Dry Weight (kg)	Recoil Starting	144	150	185	194
	Electrical Starting	160	166	194	203



Overhead Valve Engine



Large Fuel Tank



Lube Level Maintainer



Voltmeter



Fuel Gauge



Starter



★ For Manual and Auto Models



Can be provided (given) DC output



AC Circuit Breaker

BEFORE USE !

- Certainly make power test before purchasing generator.
- Always have authorized services done the assembly of your generator.
- Never operate your generator inside of your house or in closed environments. Exhaust gas is poisonous and dangerous for your health.
- Use your generator in environments that have clean air circulation. Pay attention to leave minimum 1 m space at all sides to enable sufficient clean air circulation.
- Do not use your generator on wet grounds.
- Never add fuel while your generator is being operated.
- Do not overflow while fill fuel, certainly clean that area in case of overflow and do not operate your generator before the fuel completely evaporates.
- Never directly plug in generator in sockets in your house. Always use separate electricity wiring for your generator.
- Keep your generator away from inflammable and combustible materials.
- While your generator is on three-phase, if devices, that are connected to load side, will be single-phase, pay attention on equal distribution of the load to 3 phases and use at same way.
- Do not touch hot parts on motor such as exhaust while generator is being operated.
- Certainly apply periodical maintenance instructions that are defined in user guide.



**EVERLASTING
COMPANY**



+90 444 8576

www.teksan.com
info@teksan.com