

SHX Series(900 - 1500W)

Portable Gasoline Generators

SPEC. 5P

SHX1000



Rated Output 900 W (50/60Hz)	Dry Weight 13.6 kg (R.S.L. Type)	Continuous Operating Hours 8.6 h (1/2 load)
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FEATURES

-Advanced Technology^{*3}

Newly designed Multi-pole Alternator and high speed engine dramatically reduced the size and weight.

-Honda 4-stroke Engine

Honda multi purpose engine has been industry standard for reliability and durability in the world. Also guaranteed with just a light pull on the recoil starter.

-Long Operating Hours

Large fuel tank allows efficient work without refueling.

-Portability

These models are especially easy to carry.

-Lower Sound Level(Silent and Power mode)

This unique designed silent mode for SHX1000 provides extremely lower sound level with 3/4 load. Just in case to take full load, only to change to Power mode.

-Compact & Light Weight

The SHX1000 weighs only 13.6kg, The SHX2000 weighs only 21kg, less than half of the weight of similar capacity conventional generator.

SHX2000



^{*3}

Rated Output 1500 W (50/60Hz)	Dry Weight 21 kg (R.S.L. Type)	Continuous Operating Hours 7.0 h (1/2 load)
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without it...it's

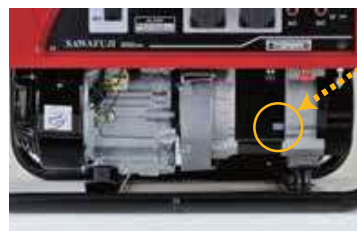
FAKE!

How to Authenticate ELEMEX Generators

Check Point

1 -TRUSTGRAM-

Make sure that the security label of "TRUSTGRAM" is put on the product body.



OK



Without TRUSTGRAM...

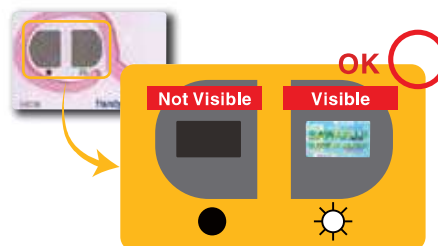


FAKE!

Check Point

2 -HOLOGRAM-

Make sure that the following change is visible through the "VIEWER"



Window	●	☀
OK	Not Visible	Visible
FAKE	Not Visible	Not Visible
FAKE	Visible	Visible
FAKE	Visible	Not Visible

EX Series

3P FEATURES

Models				SH3200EX	SH3900EX	SH4600EX	SH5300EX	SH6500EX	SH7600EX
Type				R-type; 220V(50Hz), S-type; 220V(60Hz), D-type; 110/220V(60Hz), LD-type; 120/240V(60Hz)					
Generator	Frequency (Hz)			50, 60					
	Type			Self-Exciting, 2-pole, Field Rotating Type					
	Voltage Regulation System			AVR					
	Phase			Single					
	AC Output (KVA)	Rated Power (KVA)	50Hz	2.2	2.8	3.2	3.8	5.0	5.6
			60Hz	2.5	3.2	3.8	4.4	5.6	6.5
		Maximum Power (KVA)	50Hz	2.6	3.3	4.0	4.7	5.8	6.5
60Hz			3.2	3.9	4.6	5.3	6.5	7.6	
Rated Voltage (V)			R:220(50Hz), S:220(60Hz), D:110/220(60Hz), LD:120/240(60Hz)						
DC Output (V-A)				12V-8.3A					
Rated Power Factor (cos)				1.0					
Engine	Maker			Honda					
	Models			GX160	GX200	GX240	GX270	GX340	GX390
	Displacement (CC)			163	196	270	270	389	389
	Net Power (kW)		3,600rpm	3.6	4.1	5.9	6.3	8.0	8.7
	Ignition System			Transistor					
	Oil Alert System			YES					
	Starting System			Recoil			Recoil(OP:Electric)		
Others	L x W x H (mm)			623 X 435 X 491		708 X 548 X 493			
	Dry Weight (kg)			44	46	63	68	75	78
	Fuel Tank Capacity (litres)			17		28			
	Sound Level (dB) [dB(A)/7m]	50Hz	64	65	63	70	71	73	
		60Hz	68	69	71	72	75	76	
	Continuous Operating Hours (h)	50Hz	14	10	14	12	10	8.5	
60Hz		12	8.8	11	10	7.9	7.2		

SHX Series

4P ← FEATURES

Models			SHX 1000						SHX 2000														
Type			R		G		S		L		R		G		S		L						
Generator	Frequency (Hz)		50				60				50				60								
	Engine Speed (rpm)		5800/4100(Power Mode/Silent Mode)												4500								
	Waveform		Square-Wave																				
	AC Output	Maximum Power (W)	1000						1900				1700		1900								
		Rated Power (W)	900																				
		Rated Voltage (V)	220		230		220		120		220		230		1500		220		120				
	DC Output		Only for Charging 12V Automotive Batteries.																				
		Maximum Charging Output = 8.3/4.2 A(Power Mode/Silent Mode)																		Maximum charging output = 8.3A			
Engine	Insulation Class		B																				
	Maker		Honda																				
	Models		GXH50																				
	Type		Air Cooled OHV 4-stroke Gasoline												GX100								
Others	Displacement (CC)		49.4																				
	L x W x H (mm)		465 x 265 x 380												560 x 340 x 415								
	Dry Weight (kg)		13.6		14.0		13.6		13.6		21.0		22.0		21.0		21.0						
	Fuel Tank Capacity(litres)		3.8																				
	Sound Level	[dB(A)/7m]	58(1/2 load)																				
		[dB Lwa]	89(3/4 load)																				
	Continuous Operable Hours		5.5(rated load)												8.6(1/2 load)		7						
	Pilot Lamp		LED																				
	Power Indicator		LED																				
	Oil Alert System		YES																				
Engine Stop		Interlocking with Fuel Cock																					
AC	Output	Plug Socket x 1								Plug Socket x 2													
		Control Circuit																					
	Protective Device	Terminal																					
		Thermal Type Circuit Breaker																					
DC	Output																						
		Protective Device																					

HEAVY DUTY Type

1-2P ◀ FEATURES

Models		SH07D		SH11D		SH15D		SHT15D	SHT17D	SH20D		SHT25D		
Type		R	LD	R	LD	R	D	R	S	LD	R	S		
Generator	Frequency (Hz)	50		60		50		60		60		50 60		
	Type	Self-exciting, 2-pole, Field Rotating Type										Self-exciting, 4-pole, brushless, Field Rotating Type		
	Phase	Single				Single				Three		Three		
	Voltage Regulation System	AVR								AVR				
	AC Output	Rated Power (KVA)	5.5		8.0		12		15		-		20	
		Rated Voltage (V)	6.5		10.0		13		16.3		19		22	
Engine	Rated Power Factor (cos)	1.0				1.0				0.8		1.0 0.8		
	Maker	Kubota												
	Models	Z482		D722		D1005				V2203-B				
	Displacement (CC)	479		719		1001				2197				
	Maximum Horse Power (PS)	8.1(3,600rpm)		12.2(3,600rpm)		26(3,600rpm)				32.2(1,800rpm)				
	Starting System	Electric Starter												
Others	L x W x H (mm)	1066 x 618 x 698		1281 x 618 x 698		1474 x 698 x 869				1660 x 690 x 900				
	Dry Weight (Kg)	235		295		387				540				
	Fuel Tank Capacity (liters)	28				53				72				
	Sound Level (dB(A)/7m)	50Hz	66.5	-	68.0	-	68.0	-	68.0	-	-	66.0	-	
		60Hz	-	67.5	-	69.0	-	71.0	-	71.0	-	72.0	-	
	Continuous Operating Hours (h)	50Hz	15.6	-	11.2	-	10.8	-	11.8	-	-	17.6	-	
		60Hz	-	13.3	-	8.5	-	9.0	-	9.0	14.3	-	15.2	
	Volt Meter	YES												
	Ampere Meter	NO				YES				NO		YES		
	Hour Meter	YES												
Warning Lights	YES				Indicator Lihts (4-conditions)									
Output	R: Plug Socket x 2, LD: Plug Socket x 3				Plug Socket x 2				Terminal & Socket		Terminal			
ATS Terminals	YES													

SHX Series

1P ← FEATURES

Models		SHX8000DI		SHX12000DI	
Type		R	LD	R	LD
Frequency (Hz)		50	60	50	60
Generator	Type	Permanent Magnet, Multi-Pole Alternator			
	Phase	Single			
	Voltage Regulation System	Inverter			
	Waveform	Pure Sine wave			
	Output	Maximum power (kVA/kW) 7.5		11.0	
		Rated power (kVA/kW) 7.0		10.2	
	Voltage(V)	220	120/240	220	120/240
	Current (A)	31.8	2 x 31.8-31.8	46.4	2 x 46.4-46.4
	Rated Power Factor (cos)	1.0			
Engine	Maker	YANMAR			
	Model	2TNV70-ASG		3TNM68-ASG	
	Displacement (L)	0.570		0.784	
	Rated output (kW/rpm)	9.3/3600		13.8/3600	
	Engine speed(rpm)	2300 - 3400, Variable			
	Starting System	Electric Starter			
	Fuel	Diesel Fuel (BS2869A1or equivalent)			
	Battery (5HR)	12 - 36 (46B24L or 55B24L)		12 - 36 (46B24L)	
	L x W x H (mm)	1080 x 647 x 686		1184 x 670 x 770	
	Dry Weight (kg)	257		278	
	Fuel Tank Capacity	30.0		40.7	
Others	Sound Level [dB(A)/7m]	25% load	63.5	64.0	
		75% load	65.5	66.0	
		100% load	67.5	68.0	
	Fuel consumption (litres)	25% load	1.1	1.6	
		50% load	1.6	2.3	
		75% load	2.2	3.2	
		100% load	3.0	4.3	
	Volt Meter	YES			
	Hour Meter	YES (LED Display)			
	Warning Lights				
Output	R Type: Plug Socket x 3, LD Type: Plug Socket x 5				
ATS Terminal	YES				