



MADE IN JAPAN



# ELEMAX

Power of Next Generation

SAWAFUJI ELECTRIC CO., LTD.

## Compact Diesel Type (5.5 - 10.2kVA)

### Diesel Generators

#### SHX8000Di (7.0kVA)

#### SHX12000Di (10.2kVA)



	Rated Power	Fuel Tank Capacity
SHX8000Di	7.0kVA (50/60Hz)	30L
SHX12000Di	10.2kVA (50/60Hz)	40.7L

#### FEATURES

##### - High Performance Diesel Engine

Yanmar 2TNV70-ASG Compliant with EPA TIER 4 FINAL  
Variable 2300 - 3400 rpm contributes to reduced fuel consumption and minimizing noise levels

##### - SPECIAL INVERTER for Pure Sine Wave Output <sup>\*1</sup>

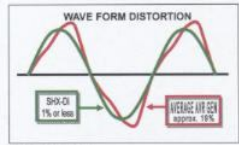
High quality, pure sine wave electrical output is ideal for sensitive equipment like PC and TVs.

##### - SAWAFUJI PMA (Permanent Magnet Alternator) <sup>\*2</sup>

The PMA incorporates SAWAFUJI's state of the art winding technology and is 60% smaller than conventional alternators.

##### - SMART Multi LED Display <sup>\*3</sup>

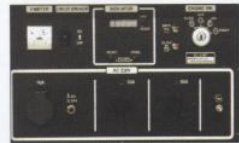
Shows rpm, cumulative running hours, and error messages for self-diagnostics.



\*1: Inverter



\*2: PMA



\*3: Control Panel

#### SH07D (5.5 - 6.5kVA)



#### FEATURES

##### - Best-in-the-industry Engine

Kubota Z482 (SH07D) / D722 (SH11D)  
The life of the genset is second to none with sufficient power exceeding your expectations.

##### - Emergency Auto Shutdown

Stops the engine automatically when it lacks enough oil or if water temperature overheats or output terminal cover is opened..

##### - Connectable with ATS (Automatic Transfer Switch)

When connected with ATS, the generator auto-starts when the utility power fails.

#### LINE UP SH07D/SH11D

	Rated Power		Fuel Tank Capacity
SH07D	5.5kVA (50/60Hz)	6.5kVA (60Hz)	28L
SH11D	8.0kVA (50/60Hz)	10kVA (60Hz)	



Type R



Type LD

## Heavy Duty Gasoline Type (8.5 - 11.8kVA)

### Gasoline Generators

#### SH11000 (8.5 - 9.5kVA)



#### FEATURES

##### - Powerful Gasoline Engine

Honda GX630 21.1PS Air-Cooled OHV V-TWIN Engine

##### - Control Panel

Easy to see and easy operation.  
Standard features:V-meter, Hour-meter, Pilot Lamp

#### LINE UP SH11000/SHT11500

Rated Power		Fuel Tank Capacity
8.5kVA (50/60Hz)	9.5kVA (60Hz)	38L



Single Phase



Three Phase

# Heavy Duty Diesel Type (12 - 22kVA)

**SPEC. 5P**

## SH15D (12 - 13kVA)



### LINE UP SH15D/SHT15D/SHT17D

Rated Power		Fuel Tank Capacity
12kVA (50Hz)	13kVA (60Hz)	53L

### FEATURES

#### -High Performance Diesel Engine <sup>\*1</sup>

Kubota D1005  
Vertical water-cooled,4-cycle diesel engine  
The D1005 diesel engines ensure greater power,more efficient combustion,and cleaner emissions.

#### -Control Panel <sup>\*2</sup>

Easy to see and easy operation.

#### -Automatic Air Bleeding

This system reduces troublesome maintenance procedures by automatically removing air from the fuel line.

#### -Safety System

Emergency unit detects abnormally low oil pressure or high coolant temperature and stops engine automatically to prevent damage.

#### -Large Capacity Fuel Tank

The larger capacity fuel tank enables longer periods of continuous operation.

#### -One Side Maintenance

Oil,fuel,water,and filters are all located on one side for easy maintenance.

#### -ATS(AMF)Terminals

ATS terminals are standard equipment.



\*1: Kubota D1005



\*2: Control Panel

## SHT25D (20 - 22kVA)



### FEATURES

#### - High Performance Diesel Engine <sup>\*3</sup>

Kubota V2203-B

#### - Brushless Alternator STAMFORD PI144D

#### - Control Panel <sup>\*4</sup>

#### - Automatic Air Bleeding

#### - Safety System

#### - Large Capacity Fuel Tank

#### - One Side Maintenance

#### - ATS(AMF) Terminals

### LINE UP SH20D/SHT25D

Rated Power		Fuel Tank Capacity
20kVA (50Hz)	22kVA (60Hz)	72L



\*3: Kubota V2203-B



\*4: Control Panel

**SPEC. 6P**

## SH13000 (10 - 11.8kVA)



### FEATURES

#### - More Powerful Gasoline Engine

Robin EH72-2DS 25.4PS Air-Cooled OHV V-TWIN Engine

#### - Control Panel

Easy to see and easy operation.

Standard features:

V-meter, Hour-meter, Pilot Lamp

### LINE UP SH13000/SHT15000

Rated Power		Fuel Tank Capacity
10kVA (50Hz)	11.8kVA (60Hz)	38L



Single Phase



Three Phase

## EX Series(2.2 - 6.5kVA)

Gasoline Generators

SPEC. 5P

### SH3200EX



Rated Power		Fuel Tank Capacity
2.2kVA (50Hz)	2.5kVA (60Hz)	17L

#### FEATURES

##### - Honda OHV 4-stroke Engine

Provides high power, outstanding fuel economy. Fuel consumption is nearly 30% less than comparable side-valve engines.

##### - Automatic Voltage Regulator(AVR)

ELEMAX's AVR smooths power output fluctuations to enable operation of sensitive electronic equipment.

##### - Large Fuel Tank

17 liter fuel tank for SH3200EX, SH3900EX and 28 liter fuel tank for upper model realize exceptionally long operating hours.

##### - 10% to 25% Increased Output Power Compared to DX series<sup>\*1</sup>

Rated output power has been increased from 10 to 25% compared to DX series. This power up is provided by newly designed Sawafuji square core alternator.

##### - New Designed Control Panel<sup>\*2</sup>

Not only new attractive outlook design, safety and water resistance are also improved.

##### - Improved Frame Design

Welded upper bar and widen diameter of the frame pipe are significantly improved the outlook image and protect the machine from rough handling and damage.

### SH7600EX



Rated Power		Fuel Tank Capacity
5.6kVA (50Hz)	6.5kVA (60Hz)	28L



\*2

**LINE UP** SH3200EX/SH3900EX/SH4600EX/  
SH5300EX/SH6500EX(S)/SH7600EX(S)

## STANDARD Series(1.3 - 4.5kVA)

Gasoline Generators

SPEC. 6P

## WELDER Generator

Gasoline Generators



### SH2900

**LINE UP** SH1900/ SH2900/SH4000/  
SH5000/ SH6000

Rated Power		Fuel Tank Capacity
2.0kVA (50Hz)	2.3kVA (60Hz)	3.6L

#### FEATURES

- Honda OHV 4-stroke Engine
- Saddle type Control Box with 2 AC Outlets
- Compact, Light Weight and Solid



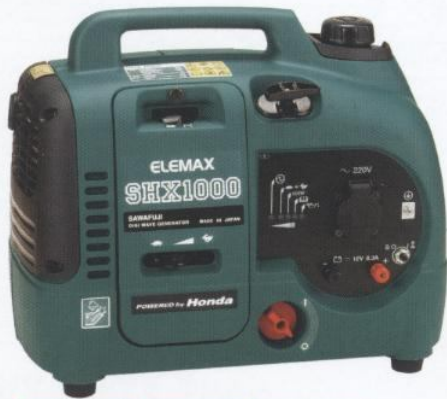
Welder(DC)	Generator	Fuel Tank Capacity
140A/26V	2.0kVA (50Hz)	17L

# SHX Series(900 - 1500W)

## Portable Gasoline Generators

SPEC. 5P

### SHX1000



Rated Power 900W	Dry Weight 13.6kg (R.S.L. Type)	Continuous Operating Hours 8.6hr (1/2 load)
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#### FEATURES

##### -Advanced Technology<sup>\*3</sup>

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.

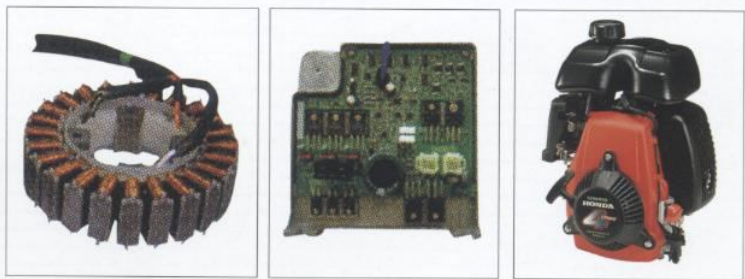
##### -Compact & Light Weight

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

### SHX2000



Rated Power 1.5KW	Dry Weight 21kg (R.S.L. Type)	Continuous Operating Hours 7.0hr (1/2 load)
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\*3

### (140A 26V)

SPEC. 6P

### ATS Generator(5.0 - 5.5kVA)

Gasoline Generators

SPEC. 6P

### SHW190

#### FEATURES

- Honda OHV 4-stroke Engine
- 190amps Maximum DC Power for Welding
- 17 liter Large Capacity Fuel Tank with Fuel Gauge
- Compact and Light Weight
- Stable-Arc 6-Phase Half Wave Current for Welding



Rated Power 5.0kVA (50Hz)	Rated Power 5.5kVA (60Hz)	Fuel Tank Capacity 17L
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### SH7000ATS

#### FEATURES

- Portable generator with ATS
- Generators automatically start to operate in case of an electricity failure. (Black out) [Quick Starts]
- Automatic Battery charge system (Battery maintenance free)
- Protection system against over load and over heat.
- Can be used for standby and portable generator.

# SPECIFICATIONS

## EX Series

### Gasoline Generators

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 60Hz: 2.5	50Hz: 2.8 60Hz: 3.2	50Hz: 3.2 60Hz: 3.8	50Hz: 3.8 60Hz: 4.4	50Hz: 5.0 60Hz: 5.6	50Hz: 5.6 60Hz: 6.5
Maximum Power (KVA)		50Hz: 2.6 60Hz: 3.2	50Hz: 3.3 60Hz: 3.9	50Hz: 4.0 60Hz: 4.6	50Hz: 4.7 60Hz: 5.3	50Hz: 5.8 60Hz: 6.5	50Hz: 6.5 60Hz: 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	242	270	337	389	
	Maximum Output (PS)	3,600rpm	5.5	6.5	8	9	11	13
	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 Operable Hours (hr)	50Hz	14	10	14	12	10	8.5	
	60Hz	12	8.8	11	10	7.9	7.2	

## SHX Series

### Portable Gasoline Generators

4P FEATURES

Models		SHX 1000				SHX 2000				
Type		R	G	S	L	R	G	S	L	
Generator	Frequency (Hz)	50				60				
	Engine Speed (rpm)	5800/4100(Power Mode/Silent Mode)				4500				
	Waveform	Square-Wave								
	AC Output	Maximum Power (W)	1000				1900			
		Rated Power (W)	900				1500			
Rated Voltage (V)	220	230	220	120	220	230	220	120		
	Only for Charging 12V Automotive Batteries.									
DC Output	Maximum charging output = 8.3A(2A/Power Mode/Silent Mode)									
Insulation Class	B									
Engine	Maker	Honda								
	Models	GXH50				GX100				
	Type	Air Cooled OHV 4-stroke Gasoline				Air Cooled OHC 4-stroke Gasoline				
	Displacement (CC)	49.4				98				
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				7.7					
Sound Level [dB(A)/7m]	58(1/2 load)				63(1/2 load)					
	89(3/4 load)				93(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				Rocker Switch					
AC	Output	Plug Socket X 1				Plug Socket X 2				
	Protective Device					Control Circuit Terminal				
DC	Output					Thermal Type Circuit Breaker				
	Protective Device									

## HEAVY DUTY Type

### Diesel Generators

1-2P FEATURES

Models		SH07D		SH11D		SH15D		SHT15D		SHT17D		SH20D		SHT25D	
Type		R	LD	R	LD	R	D	R	S	LD	R	S	LD	R	S
Generator	Frequency (Hz)	Self-exciting, 2-pole, Field Rotating Type													
	Type	Single													
	Phase	Three													
	Voltage Regulation System	AVR													
	AC Output	Rated Power (KVA)	50Hz: 5.5 60Hz: 6.5	50Hz: 8.0 60Hz: 10.0	50Hz: 12 60Hz: 13	50Hz: 15 60Hz: 16.3	50Hz: 20 60Hz: 21.97	50Hz: 22 60Hz: 23.8	50Hz: 22 60Hz: 23.8	50Hz: 22 60Hz: 23.8	50Hz: 22 60Hz: 23.8	50Hz: 22 60Hz: 23.8	50Hz: 22 60Hz: 23.8	50Hz: 22 60Hz: 23.8	50Hz: 22 60Hz: 23.8
Rated Voltage (V)		220	120/240	220	120/240	220	120/240	Single Phase: 220 Three Phase: 380	120/240	Single Phase: 220 Three Phase: 380	120/240	Single Phase: 220 Three Phase: 380	120/240	Single Phase: 220 Three Phase: 380	120/240
Rated Power Factor (cos)	1.0														
Engine	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													
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	53				72							
Fuel Tank Capacity (litres)	28														
Sound Level [dB(A)/7m]	50Hz	66.5	-	68.0	-	68.0	-	68.0	-	71.0	-	71.0	-	66.0	-
	60Hz	-	67.5	-	69.0	-	71.0	-	71.0	-	72.0	-	71.0	-	71.0
Continuous Operable Hours (hr)	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														
Hour Meter	YES														
Warning Lights	YES														
Output	R: Plug Socket x 2, LD: Plug Socket x 3		Plug Socket x 2				Terminal & Socket				Terminal				
ATS Terminals	YES														

## SHX Series

### Diesel Generators

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 56B24L)		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		
Sound Level [dB(A)/7m]	25% load	63.5		64.0	
	75% load	65.5		66.0	
	100% load	67.5		68.0	
	25% load	1.1		1.6	
Fuel consumption (litres)	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	YES (LED Display)				
Output	R Type: Plug Socket x 3, LD Type: Plug Socket x 5				
ATS Terminal	YES				

# STANDARD Series

# ATS Generator

Gasoline Generators			3P FEATURES					
Models Type			SH 1900	SH 2900	SH 4000	SH 5000	SH 6000	
Frequency (Hz)			50, 60					
Type	Self-Exciting, 2-pole, Field Rotating Type							
Voltage Regulation System	AVR							
Phase	Single							
Generator	AC Output (KVA)	Rated Power (KVA)	50Hz	1.3	2.0	2.7	3.2	4.0
		60Hz	1.5	2.3	3.0	3.6	4.5	
	Maximum Power (KVA)	50Hz	1.6	2.4	3.7	4.5	5.5	
		60Hz	1.9	2.9	4.1	5.0	6.0	
Rated Voltage (V)		220, 120						
Rated Power Factor (cos)		1.0						
Engine	Maker		Honda					
	Models		GX120	GX160	GX240	GX270	GX340	
	Displacement (CC)		118	163	242	270	337	
	Maximum Output (PS)   3,600rpm		4	5.5	8	9	11	
	Ignition System		Transistor					
	Oil Alert System		YES					
	Starting System		Recoil					
Others	L X W X H (mm)		560 X 422 X 422		605 X 495 X 490		605 X 511 X 490	
	Dry Weight (kg)		29	34	51	54	65	
	Fuel Tank Capacity (liters)		2.5	3.6	6.0	6.0	6.5	
	Sound Level [dB(A)/7m]	50Hz	69	70	72	72	73	
		60Hz	71	72	74	75	76	
Continuous Operating Hours (hr)	50Hz	3.1	3.7	3.6	3.3	2.8		
	60Hz	2.1	2.5	3.1	2.7	2.3		

Gasoline Generator			4P FEATURES	
Models Type			SH7000ATS	
Frequency (Hz)			RAVS	SAVS
Type			50	60
Type	Self-Exciting, 2-pole, Field Rotating Type			
Voltage Regulation System	AVR			
Phase	Single			
Generator	AC Output (KVA)	Rated Power (KVA)	50Hz	5.0
		60Hz	5.5	5.5
	Maximum Power (KVA)	50Hz	6.1	6.1
		60Hz	7.2	7.2
Rated Voltage (V)		220		
DC Output (V-A)		12V-8.3A		
Rated Power Factor (cos)		1.0		
Engine	Maker		Honda	
	Models		GX390	
	Displacement (CC)		389	
	Maximum Output (PS)   3,600rpm		13	
	Ignition System		Transistor	
	Oil Alert System		YES	
	Starting System		Electric Starter	
Others	L X W X H (mm)		679 X 511 X 496	
	Dry Weight (kg)		81	
	Fuel Tank Capacity (liters)		17	
	Sound Level [dB(A)/7m]	50Hz	73	
		60Hz	75	
Continuous Operating Hours (hr)	50Hz	6.2		
	60Hz	5.2		

# HEAVY DUTY Type

# WELDER Generator

Gasoline Generators			1-2P FEATURES				
Models Type			SH11000	SH1T1500		SH13000	SHT15000
Frequency (Hz)			R	LD	R	S	R
Type			50	60	50	60	50
Type	Self-exciting, 2-pole, Field Rotating Type						
Voltage Regulation System	AVR						
Phase			Single		Three		Single
Generator	AC Output (KVA)	Rated Power (KVA)	50Hz	8.5	10.0	-	10.0
		60Hz	-	9.5	-	11.5	-
	Maximum Power (KVA)	50Hz	10.0	-	11.5	-	11.0
		60Hz	-	11.0	-	13.0	-
Rated Voltage (V)		220	120/240	220/380	220/380	220	120/240
Rated Power Factor (cos)		1.0		0.8		1.0	
Engine	Maker		Honda		Robin		
	Models		GX630		EH72-2DS		
	Displacement (CC)		688		720		
	Maximum Output (PS)   3,600rpm		21.1		25.4		
	Ignition System		Transistor				
	Oil Alert System		YES				
	Starting System		Electric Starter				
Others	L X W X H (mm)		924 x 665 x 636/804 (with wheel)				
	Dry Weight (kg)		without wheel		158	with wheel	
	Fuel Tank Capacity (liters)		-		38	-	
	Sound Level [dB(A)/7m]	50Hz	74		76.0		76.0
		60Hz	-		-		78.0
Continuous Operating Hours (hr)	50Hz	7.0	-	7.0	-	5.5	
	60Hz	-	6.2	-	6.2	4.5	
Cooling System		Forced Air					
Engine Oil Refill Capacity (liters)		1.8 (with filter replaced) / 1.5 (without filter replaced)   1.55L (inclusive of those in oil filter)					

Gasoline Welder Generator			3-4P FEATURES		
Models Type			SHW190		
Frequency (Hz)			R	S	L
Type			50	60	
Type	2-pole, Field Rotating Type				
Phase	Single				
Generator	AC Output (KVA)	Rated Power (KVA)	50Hz	2.0	-
		60Hz	-	3.0	4.0
Rated Voltage (V)		220			
Rated Power Factor (cos)		1.0			
Welder	Type		2-pole, Field Rotating Type		
	Rectifier Type		Six Phase Half Wave Rectifier		
	Rated Output		3,600rpm		
	Current Control Range (A)		140A 26V		
	Rated Duty Cycle (%)		50 - 190		
	Welding Rod		2.6 to 5.0 mm dia.		
	Maker		Honda		
Engine	Models		GX390		
	Displacement (CC)		389		
	Maximum Output (PS)   3,600rpm		13		
	Ignition System		Transistor		
	Oil Alert System		YES		
	Starting System		Recoil (OP:Electric)		
	L X W X H (mm)		679 X 511 X 490		
Others	Dry Weight (kg)		88		
	Fuel Tank Capacity (liters)		17		
	Sound Level [dB(A)/7m]	50Hz	73		
		60Hz	75		
	Continuous Operating Hours (hr)	50Hz	6.2		
60Hz		5.2			

\*1 : Only R,S type \*2 : only Electric starter type

Standard Accessory	Portable Gasoline Generators			Gasoline Generators					WELDER	ATS
	SHX Series		EX Series							
Owner's Manual	SHX1000	SHX2000	SH3200EX	SH3900EX	SH4600EX	SH5300EX	SH6500EX	SH7600EX	SHW190	SH7000ATS
Plug	○	○	○	○	○	○	○	○	○	○
Spark plug	*1	*1	○	○	○	○	○	○	○	○
Wrench	○	○	○	○	○	○	○	○	○	○
Tool kit	○	○	○	○	○	○	○	○	○	○
Slow Blow Fuse	-	-	-	-	-	-	-	-	-	-
Battery	-	-	-	-	-	-	-	-	-	○
Band hook for battery	-	-	-	-	-	-	-	-	*2	-
Optional Equipment	SHX1000	SHX2000	SH3200EX	SH3900EX	SH4600EX	SH5300EX	SH6500EX	SH7600EX	SHW190	SH7000ATS
Electric Starter	-	-	-	-	-	-	-	○	○	STD
4-wheel kit	-	-	-	-	○	○	○	○	○	○

Standard Accessory	STANDARD Series					HEAVY DUTY Type			
	SH1900	SH2900	SH4000	SH5000	SH6000	SH11000	SHT1500	SH13000	SHT15000
Owner's Manual	○	○	○	○	○	○	○	○	○
Plug	○	○	○	○	○	○	○	○	○
Spark plug	○	○	○	○	○	○	○	○	○
Wrench	○	○	○	○	○	○	○	○	○
Tool kit	○	○	○	○	○	○	○	○	○
Slow Blow Fuse	-	-	-	-	-	-	-	-	-
Battery	-	-	-	-	-	○	○	○	○
Band hook for battery	-	-	-	-	-	○	○	○	○
Optional Equipment	SH1900	SH2900	SH4000	SH5000	SH6000	SH11000	SHT1500	SH13000	SHT15000
Electric Starter	-	-	-	-	-	STD	STD	STD	STD
4-wheel kit	-	-	-	-	-	STD	STD	STD	STD

Standard Accessory	Diesel Generators						
	HEAVY DUTY Type						
Owner's Manual	SH07D	SH11D	SHX3000DI	SHX12000DI	SH15D	SH17D	SH20D
Plug	○	○	○	○	○	○	○
Spark plug	○	○	○	○	○	○	○
Wrench	○	○	○	○	○	○	○
Tool kit	○	○	○	○	○	○	○
Slow Blow Fuse	○	○	○	○	○	○	○
Battery	○	○	○	○	○	○	○
Band hook for battery	○	○	○	○	○	○	○
Optional Equipment	STD	STD	STD	STD	STD	STD	STD
Electric Starter	-	-	-	-	OPT	OPT	STD
4-wheel kit	-	-	-	-	-	-	-



**SAWAFUJI GENERATORS,  
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