

Designed and built in the UK



# STEPHILL<sup>®</sup>

## GENERATORS



# CONTENTS



## 2 SE PETROL RANGE

SE Super Economy Range 2.0 to 10.0kVA: designed to offer reliable, affordable power, featuring genuine Honda 'oil alert' engines.



## 3 HM PETROL RANGE

2.7 to 6.5kVA designed primarily for industrial / hire markets, featuring genuine Honda 'oil alert' engines coupled with the technologically advanced Markon alternator.



## 4 SW PETROL WELDER RANGE

A range of Honda powered petrol welders available in both AC and DC versions, mounted in robust wrap around frames with optional trolley kits.



## 5-6 SSDX/P SUPER SILENT DIESEL 1500RPM

10.0 to 70.0kVA push button electric start, featuring Isuzu, Perkins and Yanmar water cooled engines close coupled to Mecc Alte alternators, with class leading noise levels: SSD Range generators are built to an extremely high specification and are available static skid mounted with highway trailer options.



## 7 SSD SUPER SILENT DIESEL 3000RPM

8.0 to 10.0kVA key start, featuring Kubota / Yanmar watercooled engines close coupled to Mecc Alte alternators, built to an industrial standard, available skid mounted with trolley or highway trailer options.



## 8 SE SILENCED DIESEL

4.0 and 6.0kVA - these two portable trolley mounted machines are built to an industrial standard using genuine Yanmar air cooled L - series diesel engines, close coupled with the technologically advanced brushless Markon alternator.



## 9 HOBBYGEN & SSP SUPER SILENT PETROL

1.0 to 6.0kVA powered by 4 stroke Honda engines with noise levels as low as 62dBA. Suitable for use in extreme noise sensitive environments.



## 10 OPTIONS & ACCESSORIES NEW Lighting Tower

• Long Range Fuel Tanks • Trolley Kits • Test Equipment •

### STEPHILL GENERATORS LTD

Stephill Generators Ltd is a privately owned UK registered company formed in 1985 in South East London. The Company rapidly expanded and opened a second manufacturing and administration facility in Wellingborough, Northamptonshire 3 years later.

### UK FACTORY FACILITY

Enjoying sustained growth year on year within both UK and export markets, and following various expansions in both London and Northamptonshire, Stephill now operate and manufacture from one 40,000sq ft purpose built factory facility in Wellingborough which was completed in 2003.



### PRODUCTION FLEXIBILITY

In 2005 Stephill Generators celebrated their 20th successful year of trading, maintaining production of all models within the UK. Offering their home customers next day availability of mainstream industrial sets, but also allowing the flexibility to handle volume emergency export demands and specialist custom build projects, including those from Telecom, Military, Utility and Emergency Services.

### MACHINES UP TO 70kVA

Stephill Generators are still continually reviewing and expanding their product range to ensure they remain at the forefront of their industry. 2006 is no exception with five new product lines, all designed by the company's in-house R & D department, now offering machines up to 70kVA.

# SE PETROL RANGE

ONLY 24KG

**NEW**



## SE 2000

2.0kVA • 1.6KW • HONDA GC135

### Standard Features

- Honda four stroke engines with oil alert
- Noise compliant using the latest low noise engine specification
- Dual voltage output c/w overload protection
- Fully welded industrial carry frames for maximum strength
- Brushless maintenance free alternators



## SE 2400

2.4kVA • 1.9KW • HONDA GC160



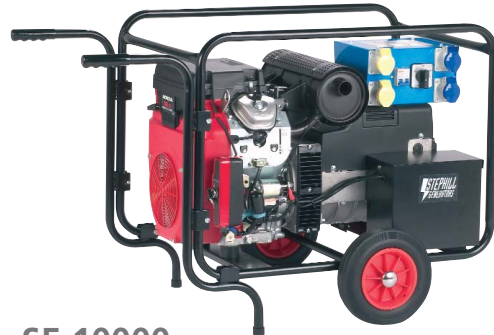
## SE 2700

2.7 kVA • 2.2KW • HONDA GX160



## SE 3400

3.4kVA • 2.7KW • HONDA GX200



## SE 10000

10.0kVA • 8.0KW • HONDA GX610  
• SHOWN WITH TROLLEY OPTION TK1105

ADDITIONAL OPTIONS

Model	AVR	Electric Start	Electrofusion TIN 12 Versions Available	Gas Conversion	Long Range Fuel Tank (Plastic)	Single Voltage (115 or 230v) only	Trolley Kit
SE 2000						✓	
SE 2400						✓	
SE 2700	✓	✓	✓	✓ 030 - 001	✓	✓	✓ TK1100
SE 3400	✓		✓	✓ 030 - 001	✓	✓	✓ TK1100
SE 10000	✓	Std	✓	✓ 030 - 004	Std (Steel)	✓	✓ TK1105

### STANDARD SPECIFICATIONS

Model	HP/Cyl	Start	Sockets				Fuel Tank (LT)	Run Time @75% Load	Noise		Dimensions			
			115V		230V				7M	dB Lwa	Wt	L	W	H
			16A	32A	16A	32A								
SE 2000	4.0/1	RC	1	-	1	-	1.7	2.4	70	95	24	520	385	465
SE 2400	5.0/1	RC	1	-	1	-	2.0	2.0	70	95	30	580	390	390
SE 2700	5.5/1	RC	1	-	1	-	3.6	3.6	70	95	34	610	420	410
SE 3400	6.5/1	RC	1	-	1	-	3.6	3.0	71	96	36	610	420	410
SE 10000*	18.0/2	ES	2	1	2	1	16.0	4.8	75	100	110	840	575	620

\*Does not comply with EC directive 2000/14/EC

# HIRE - MAX PETROL RANGE

FITTED WITH MARKON NAC ALTERNATORS



## 2700HM

2.7kVA • 2.2KW • HONDA GX160



## 3400HM

3.4kVA • 2.7KW • HONDA GX200



## 5000HM

5.0kVA • 4.0KW • HONDA GX270



## 6000HM

6.0kVA • 4.8KW • HONDA GX340



## 6500HM

6.5kVA • 5.2KW • HONDA GX390

### Standard Features

- Honda four stroke engines with oil alert
- Noise compliant using the latest low noise engine specification
- Dual voltage output c/w overload protection
- Fully welded industrial carry frames for maximum strength
- Brushless maintenance free Markon alternators with exceptional component design quality
- Rubber bushed control boxes for longevity of electrical components

### ADDITIONAL OPTIONS

Model	AVR	Electric Start	Electrofusion TIN 12 Versions Available	Gas Conversion	Long Range Steel Fuel Tank	Single Voltage (115 or 230v)	Trolley Kit
2700HM		✓		✓ 030-001	✓	✓	✓ TK1100
3400HM				✓ 030-001	✓	✓	✓ TK1100
5000HM	✓	✓	✓	✓ 030-002	✓	✓	✓ TK1101
6000HM	✓		✓	✓ 030-003	✓	✓	✓ TK1101
6500HM	✓	✓	✓	✓ 030-003	✓	✓	✓ TK1101

### STANDARD SPECIFICATIONS

Model	HP/Cyl	Start	Sockets				Fuel Tank (LT)	Run Time @75% Load	Noise		Dimensions			
			115V 16A	230V 32A	16A	32A			7M	dB Lwa	Wt	L	W	H
2700HM	5.5/1	RC	1	-	1	-	3.6	3.6	70	95	36	610	420	410
3400HM	6.5/1	RC	1	-	1	-	3.6	3.0	71	96	41	610	420	410
5000HM	9.0/1	RC	2	1	2	-	6.0	3.5	71	96	59	690	480	540
6000HM	11.0/1	RC	2	1	2	-	6.5	3.0	72	97	68	690	480	540
6500HM	13.0/1	RC	2	1	2	-	6.5	2.6	72	97	71	690	480	540

# SW PETROL WELDER RANGE



## SW200 AC

200 AMP • HONDA GX390

- SHOWN WITH OPTIONAL TROLLEY KIT TK1101

### Standard Features

- Honda four stroke engines with 'oil alert'
- Noise compliant using the latest low noise engine specification
- Dual voltage output complete with reset button overload protection
- Thermal overload protection for AC welding output
- Fully welded industrial carry frames for maximum strength
- Welder Accessory Tray

**Welding Duty: 60% @ 170A**

**Maximum Rod Size 4.0mm**

**230V • 6.5kVA**

**115V • 2 x 2.5kVA (5.0kVA)**

### Standard Features

- Recoil Start Honda four stroke engines with 'oil alert'
- Noise compliant using the latest low noise engine specification
- Dual voltage output complete with reset button overload protection
- Thermal overload protection for DC welding output
- Fully welded industrial carry frames for maximum strength
- Welder Accessory Tray

**Welding Duty: 60% @ 170A**

**Maximum Rod Size 4.0mm**

**230V • 4.0kVA**

**115V • 2.0kVA**



## SW200 DC

200 AMP • HONDA GX390

- SHOWN WITH OPTIONAL TROLLEY KIT TK1101

### ADDITIONAL OPTIONS

Model	Electric Start	Trolley Kit	Welding Lead Set (6M)
SW200AC		✓ TK1101	✓
SW200DC	✓	✓ TK1101	✓

### STANDARD SPECIFICATIONS

Model	HP/Cyl	Start	Sockets				Fuel Tank (LT)	Run Time @75% Load	Noise		Dimensions			
			115V		230V				7M dB Lwa		Wt	L	W	H
			16A	32A	16A	32A								
SW200AC	13/1	RC	2	-	2	-	6.5	2.6	72	97	81	690	480	540
SW200DC	13/1	RC	1	-	1	-	6.5	2.6	72	97	86	815	480	620

# SSDX RANGE

SUPER SILENT DIESEL 1500RPM WATERCOOLED  
AVR CONTROLLED

**NEW**



**NEW COMPACT SSDX 10W**  
10.0kVA • 8.0KW • ISUZU 3CB1 • 230V

**SSDX 16, X20, Y25**  
SSDX16 • 16.0kVA • 12.8KW • ISUZU 4LC1  
SSDX20 • 20.0kVA • 16.0KW • ISUZU 4LE1  
SSDY25 • 25.0kVA • 20.0KW • YANMAR 4TNET  
• TRAILER OPTION AVAILABLE HT2



**SSDX 12**  
12.0kVA • 9.6KW • ISUZU 3CD1  
DUAL VOLTAGE OR MULTI PHASE  
• TRAILER OPTION AVAILABLE HT2

**HT2**  
Trailer option available

ADDITIONAL OPTIONS

Model M = Multi Phase D = 1 Phase Dual Voltage	Auto Start Panel (AMF)	Highway Trailer	Remote Start Module Box	Three Phase Only
SSDX 10W	✓		✓	
SSDX 12D	✓	✓ HT2	✓	✓
SSDX 12M	✓	✓ HT2	✓	✓
SSDX 16D	✓	✓ HT2	✓	
SSDX 16M	✓	✓ HT2	✓	✓
SSDX 20M	✓	✓ HT2	✓	✓
SSDY 25M	✓	✓ HT2	✓	✓

**STANDARD SPECIFICATIONS**

Model	Cyl	Sockets				Fuel Tank (LT)	Run Time @75% Load	Noise		Dimensions			
		400V		230V				7M	dB LWA	Wt	L	W	H
		32A	16A	32A	16A			32A					
SSDX 10W	3	-	-	-	2	55	27	58	83	425	1100	790	1000
SSDX 12D	3	-	2	3	1	120	41	60	85	607	1585	800	1270
SSDX 12M	3	1	1	3	2	120	41	60	85	607	1585	800	1270
SSDX 16D	4	-	2	3	1	120	34	63	88	662	1800	800	1270
SSDX 16M	4	1	1	3	2	120	34	63	88	662	1800	800	1270
SSDX 20M	4	1	1	3	2	120	26	64	89	695	1800	800	1270
SSDY 25M	4	1	1	3	2	120	24	64	89	715	1800	800	1270

# SSDP RANGE

SUPER SILENT DIESEL 1500RPM WATERCOOLED  
AVR CONTROLLED



## SSDP 30, P33

- SSDP 30 • 30.0kVA • 24.0KW • PERKINS 1103A - 33G • 1 PHASE 230V
- SSDP 33 • 33.0kVA • 26.4KW • PERKINS 1103A - 33G • SIMULTANEOUS MULTI PHASE
- TRAILER OPTION AVAILABLE HT3

NEW



## SSDP 50, P67

- SSDP 50 • 50.0kVA • 40.0KW • PERKINS 1103A - 33TG1 • THREE PHASE 400V
- SSDP 67 • 67.0kVA • 53.0KW • PERKINS 1103A - 33TG2 • THREE PHASE 400V

### Standard Features SSDX & P

- Electric push button start 1500 rpm Perkins, Isuzu and Yanmar watercooled diesel engines, complete with high engine temperature shutdown, low oil pressure shutdown
- Lockable control panel housing
- Super silent close fitting skid mount acoustic cabinets with noise levels as low as 58dBA, complete with large access doors for ease of maintenance
- Brushless maintenance free premier range Mecc Alte alternators complete with auto voltage regulation + or - 1.5%
- Overload protection for each individual socket
- Hard wire connection facility
- RCD / ELCB fitted to the 230 volt output (All SSD models)
- RCD / ELCB fitted to the 400 volt output (P range only)
- Bundled long range fuel tanks giving up to 48 hours running at 75% load
- Three way valve for connection to bowser tank (additional fuel pump may be required)
- Emergency Stop button and battery isolator switch for safety and security
- Two wire remote start as standard (SSDP range only)

### ADDITIONAL OPTIONS

Model (M = Multiphase)	Auto Start Panel (AMF)	Highway Trailer
SSD P30 1PH	✓	✓ HT3
SSD P33 M	✓	✓ HT3
SSD P50 3PH	✓	✓ HT3
SSD P70 3PH	✓	✓ HT4

### STANDARD SPECIFICATIONS

Model	Cyl	Sockets						Fuel Tank (LT)	Run Time @ 75% Load	Noise		Dimensions				
		400V		115V		230V				7M	dB LWA	Wt	L	W	H	
		32A	63A	16A	32A	16A	32A	63A								
SSD P30 1PH	3	-	-	-	-	1	2	1	280	48	65	90	1300	2050	1000	1490
SSD P33 M	3	1	-	-	3	-	3	-	280	48	65	90	1300	2050	1000	1490
SSD P50 3PH	3	1	1	-	-	-	3	-	350	42	67	92	1400	2450	1000	1490
SSD P67 3PH	3	1	1	-	-	-	3	-	350	33	67	92	1468	2450	1000	1490

# SSD RANGE

## SUPER SILENT DIESEL 3000RPM WATERCOOLED



### SSD 8000

8.0kVA • 7.0KW • YANMAR 2TNE

- SHOWN WITH TWO WHEEL TROLLEY OPTION



### SSD 9000

9.0kVA • 7.5KW • YANMAR 2TNE

- SHOWN WITH TWO WHEEL TROLLEY OPTION

### AVR CONTROLLED



### SSD 10000

10.0kVA • 8.0KW • KUBOTA D722 • AVR CONTROLLED

- SHOWN WITH TWO WHEEL TROLLEY OPTION
- OPTIONAL HIGHWAY TRAILER AVAILABLE HT1

### Standard Features

- Electric Key Start Kubota / Yanmar watercooled diesel engines, complete with high engine temperature shutdown and low oil pressure shutdown
- Super silent close fitting skid mount acoustic cabinets with large access doors for ease of maintenance, trolley options available as shown
- Dual voltage output complete with overload protection
- AVR controlled as standard (SSD 10000 only)
- RCD / ELCB fitted to 230 volt output (SSD 10000 only)
- Brushless maintenance free Mecc Alte alternators
- Integral long range fuel tanks giving up to 13 hours running at 75% load

### ADDITIONAL OPTIONS

Model	AVR	Auto Start Panel (AMF)	Remote Start Module Box	Single Voltage (115 or 230v) Only	Highway Trailer	Trolley Option
SSD 8000		✓	✓	✓		✓
SSD 9000		✓	✓	✓		✓
SSD 10000	Std	✓	✓	✓	✓ HT1	✓
SSD 10000 3PH	Std	✓	✓		✓ HT1	✓

### STANDARD SPECIFICATIONS

Model	Cyl	Sockets				Fuel Tank (LT)	Run Time @75% Load	Noise		Dimensions			
		115V		230V				7M	dB Lwa	Wt	L	W	H
		16A	32A	16A	32A								
SSD 8000	2	2	1	1	1	20	7	65	90	230	1020	580	690
SSD 9000	2	2	1	1	1	30	11	65	90	280	1220	580	690
SSD 10000	2	1	2	2	1	37	13	69	94	355	1210	655	900
SSD 10000 3PH	2	-	-	-	-	37	13	69	94	355	1210	655	900

# SE DIESEL RANGE

## SILENCED DIESEL 3000RPM AIR COOLED

### Standard Features

- Recoil Start Yanmar diesel engines with direct injection
- Low noise protective hood and high efficiency silencer
- Brushless maintenance free Markon NAC alternator with exceptional component design quality
- Dual voltage output with overload protection
- Rubber bushed control boxes for longevity of electrical components
- Industrial duty two wheeled trolley frame



### SE 4000D

4.0kVA • 3.2KW • YANMAR L70



### SE 6000D

6.0kVA • 4.8KW • YANMAR L100

### Standard Features

- Electric Start Yanmar diesel engine with direct injection, high engine temperature shutdown, low oil pressure shutdown and low fuel shutdown
- Acoustic cabinet with large access hood for ease of maintenance
- High efficiency exhaust silencer
- Industrial duty two wheeled trolley frame complete with lifting eye and front protective bull bar
- Brushless maintenance free Markon NAC alternator with exceptional component design quality
- Dual voltage output complete with overload protection
- Centre tapped to earth (CTE 115V)
- Integral 24lt fuel tank giving up to 17 hours running at 75% load
- Compact design and lightweight in its class

**NEW**

### SLT 6000D LIGHTING TOWER GENERATOR

SEE Lighting Tower PAGE 10

### STANDARD SPECIFICATIONS

Model	HP/Cyl	Sockets				Fuel Tank (LT)	Run Time @75% Load	Noise		Dimensions			
		115V		230V				7M	dB Lwa	Wt	L	W	H
		16A	32A	16A	32A								
SE 4000D*	7/1	2	-	2	-	3.5	3.7	75	100	89	940	640	700
SE 6000D	10/1	2	1	2	-	24.0	17	71	96	160	1220	710	910

\*Does not comply with EC directive 2000/14/EC

# HOBBYGEN & SSP RANGE

LEISURE & SUPER SILENT PETROL



## SSP 2000, SSP 3000

SSP 2000 • 2.5kVA • 2.0KW • HONDA GX160

SSP 3000 • 3.0kVA • 2.5KW • HONDA GX200



## SSP 6000

6.0kVA • 5.0KW • HONDA GX390

### SSP Standard Features

- Honda four stroke engines complete with oil alert and high engine temperature protection
- Acoustic steel cabinets with noise levels as low as 62dBA
- High efficiency exhaust silencers
- Dual voltage output complete with overload protection
- Brushless maintenance free alternators



## HOBBYGEN SHX 1000

1.0kVA • 0.90KW • HONDA GXH50 • ONLY 14KG

INVERTER TECHNOLOGY



## HOBBYGEN SHX2000

1.7kVA • 1.5KW • HONDA GX100 • ONLY 21KG

INVERTER TECHNOLOGY

### Hobbygen Standard Features

- Honda four stroke engines complete with 'oil alert'
- Inverter technology ideal for powering sensitive equipment
- 230 volt output complete with overload protection
- 12 volt DC output complete with overload protection
- High strength acoustic casings with integral carrying handle
- Lightweight - as low as 14kg

ADDITIONAL OPTIONS

Model	Gas Conversion	Single Voltage (115 or 230v)	Trolley Kit
SSP 2000	✓	✓	
SSP 3000	✓	✓	
SSP 6000	✓	✓	✓

### STANDARD SPECIFICATIONS

Model	HP/Cyl	Start	Sockets			Fuel Tank (LT)	Run Time @75% Load	Noise		Dimensions			
			115V 16A	230V 32A	230V 16A			7M	dB Lwa	Wt	L	W	H
SHX1000	NA	RC	-	-	1 (13A)	3.8	6.0	64	89	14	465	265	380
SHX2000	NA	RC	-	-	2 (13A)	7.5	7.0	67	92	21	560	340	415
SSP2000	5.5 / 1	RC	1	-	1	3.6	3.6	62	87	55	700	430	460
SSP3000	6.5 / 1	RC	1	-	1	3.6	3.2	63	88	60	700	430	460
SSP6000	13.0/1	ES	2	1	2	27.0	10.8	65	90	155	910	610	680

# OPTIONS & ACCESSORIES

This portable dual voltage test centre is an essential piece of Health & Safety testing equipment, designed to offer easy and efficient voltage and frequency testing of generators. Load can be applied up to a maximum of 4KW for testing generator performance under load on both voltages via 2 x 115 and 2 x 230 volt sockets.



## GENERATOR TEST EQUIPMENT

Dual voltage 115/230V

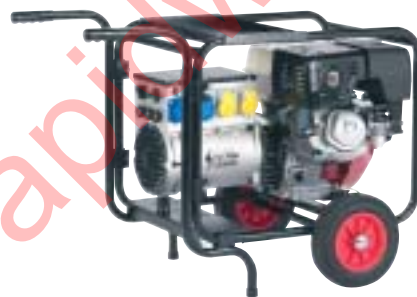


## OPTIONAL LONG RANGE FUEL TANKS FOR PETROL GENERATORS

Dimensions with long run fuel tanks.

SE/HM models up to 3400 L.610 x W.420 x H.540mm

HM models from 5000 upwards L.710 x W.510 x H.600mm



## OPTIONAL TROLLEY KITS

Easy assemble trolley kits for SE, HM and SW ranges.

TK1100 • TK1101 • TK1105

## Standard Features

- 5.5MT easy detachable 4 section stainless steel mast
- Stainless Steel winch cable
- 26 Hours run time
- Quick and easy mast erection
- Fully adjustable stabiliser legs

## SLT 6000D DIESEL LIGHTING TOWER GENERATOR

4 x 500W 115V • 6.0kVA • 4.8KW



NEW

Full specification for SE6000D see page 8

Many other options available upon request, including specialist machines such as TIN 12 specification & rail approved sets. Stephill also have a special projects division that custom build to meet specific customer requirements, including those from Military, Utility and Emergency Services.