

STEPHILL[®]

GENERATORS



01933 677911 www.stephill-generators.co.uk

Designed & manufactured in the UK

Stephill Generators Ltd are based in a 40,000 square foot HQ and manufacturing facility centrally located in Wellingborough, Northamptonshire. Established in 1985, the company is the largest volume manufacturer of portable petrol and diesel generating sets from 2 to 100kVA in the UK, predominantly supplying generators to the hire and construction sector. The Stephill name has become synonymous with quality and reliability, and the company's strict policy in only using premium brand components in its products has firmly cemented its position as the market leading supplier of portable generators to plant and tool hire companies both large and small. Though always producing competitively priced products, we always have – and always will resist the risk of diluting our strong brand name by incorporating inferior / low cost components in our generator builds.

With a wealth of knowledge and experience built up in over 25 years, Stephill offer one of the widest ranges of generators, designed and built to withstand the harsh environments of the rental sector. When buying a Stephill generator, our clients can be sure that they will maximise revenue by adding the most reliable and durable portable power product to their hire fleet. By understanding the unique requirements of the hire industry, we are able to supply generators on an ex-stock - or very short - lead time, and our experienced sales and technical staff are always on hand to assist and advise, resulting in delivery of the right generator for each and every application.

A QUALITY PRODUCT

Every single generator is subjected to continuous inspection at every stage of manufacture, and 100% load tested prior to despatch. When investing in a Stephill generator, you can be assured that quality is in-built. Our commitment to remain at the forefront of the industry means that our product range is constantly reviewed and updated to ensure that we incorporate only the latest and most technologically advanced versions of engines, alternators and control systems – always complying 100% with all mandatory UK and European legislations for noise levels, EMC and engine emissions etc.

SERVICE AND SUPPORT

We believe that we offer clients a combined sales and after sales service that is unrivalled in the industry. Callers to our Wellingborough HQ have direct access to our knowledgeable and experienced staff who have many years of involvement in the supply and application of portable power products. By understanding the particular demands of the rental / construction market, Stephill recognise how important it is that products are always working reliably and safely and are available for hire to maximise the revenues of their customers. Our fully trained after sales staff will ensure that any issues are solved as quickly as possible and are always on hand to assist with "troubleshooting". The extensive and comprehensive inventory of parts held in our stores, together with our "next day" delivery commitment, will expedite the delivery of any parts required in the shortest possible time.

CUSTOMER TRAINING

Our in-house Wellingborough training facility is greatly valued by our clients old and new. One day courses are available to take your engineers through basic generator operating principles, maintenance and fault finding with training sessions being both classroom and workshop based to give attendees the best of both theoretical and "hands-on" experiences.

MANUFACTURING FLEXIBILITY

Our UK based manufacturing and in-house CAD facilities mean that we are able to design and produce generators with a high degree of customisation to meet individual applications. This has led to Stephill supplying generators into many different sectors which include Utilities, Military, Telecom, Emergency services, Lighthouse authorities and the rail industry. We welcome enquiries for special products which will be managed by our experienced team of mechanical and electrical design engineers in order to give clients the best, and most cost effective solution to their portable power requirement.

EXPORT BUSINESS

Stephill generators have – and continue to be – exported to over 40 countries worldwide. We always take care that any operating / environmental factors are taken into consideration to ensure that generators are correctly rated to operate in the ambient temperature and overall site conditions applicable in each individual export territory. Our extensive stocks of both finished generators, and major components, allow us to respond rapidly to overseas aid / emergency demands for generating sets in disaster recovery situations.

THE ENVIRONMENT – OUR COMMITMENT

Stephill Generators make a positive environmental contribution by re-cycling all waste packing and paper, measuring and constantly reviewing our carbon footprint, using local suppliers wherever possible to reduce transport distances, and utilising efficient lighting and heating for the factory and offices. Our policy is one of continuous self-assessment, in order to understand how we as a company can continue to improve our environmental awareness and practices in a positive and efficient way.



**SUPER ECONOMY PETROL
RANGE**
2.7 - 10.0KVA

4-5



SUPER SILENT DIESEL RANGE
3000RPM
6.0KVA

14



HIREMAX PETROL RANGE
2.7 - 6.5KVA

6-7



SUPER SILENT DIESEL RANGE
3000RPM
8.0 - 10.0KVA

15



**FUSION TIN12-ECE3
RANGE**
2.7 - 10.0KVA

8



SSD WELFARE CABIN RANGE
6.0KVA

16



**RAIL & CIVIL ENGINEERING
RANGE**
2.6 - 5.0KVA

9



SSD WELFARE RANGE
1500RPM
10.0 - 20.0KVA

17



SW PETROL WELDER RANGE
200 AMP

10



**SUPER SILENT DIESEL
K RANGE 1500RPM**
12.0 - 25.0KVA

18-19



EXPORT DIESEL RANGE
2.6 - 6.0KVA

11



**SUPER SILENT DIESEL
P RANGE 1500RPM**
30.0 - 67.0KVA

20-21



SE SILENT DIESEL RANGE
2.6 - 6.0KVA

12



**CUSTOM & SPECIAL BUILD
PROJECTS / ADDITIONAL
PRODUCTS**

22



**SUPER SILENT PORTABLE
LIGHTING TOWER**

13



TYPICAL POWER RATINGS

23

SE2701 - 2.7KVA/2.2KW HONDA GX160

- LIGHTWEIGHT SINGLE CARRY HANDLE FRAME •



SE2700 - 2.7KVA/2.2KW HONDA GX160



SE34003S - 3.4KVA/2.7KW HONDA GX200

- 3 OUTPUT SOCKETS 2x16A/115V & 1x16A/230V •



SE10000* - 10.0KVA/8.0KW HONDA GX630

- ELECTRIC START WITH LONG RUN TANK & FUEL GAUGE •



POWERED by
HONDA™

STANDARD FEATURES

- Honda four stroke engine
- Noise compliant using the latest low noise engine specification
- Oil alert
- Dual voltage output c/w overload protection
- BS4343 socket outlets
- Fully welded wrap around carry frame for maximum protection
- Smooth waveform brushless maintenance free alternator



All Honda GX Engines come with a 3 year warranty

SPECIFICATION:														* Not EC noise compliant			
Model	KVA	KW	HP/CYL	Start	115V		Sockets	230V		Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
					16A	32A	16A	32A	7M			dB	Lwa	Wt	L	W	H
SE2701	2.7	2.2	5.5/1	RC	1	-	1	-	3.6	3.6	70	95	29	525	400	445	
SE2700	2.7	2.2	5.5/1	RC	1	-	1	-	3.6	3.6	70	95	34	610	420	410	
SE34003S	3.4	2.7	6.5/1	RC	2	-	1	-	3.6	3.0	71	96	36	610	420	410	
SE10000*	10.0	8.0	20/2	ES	2	1	1	1	18.0	5.5	75	100	110	840	575	620	

+44 (0) 1933 677911

www.stephill-generators.co.uk

SE34003STK - 3.4KVA/2.7KW HONDA GX200

• SHOWN WITH OPTIONAL TROLLEY KIT •



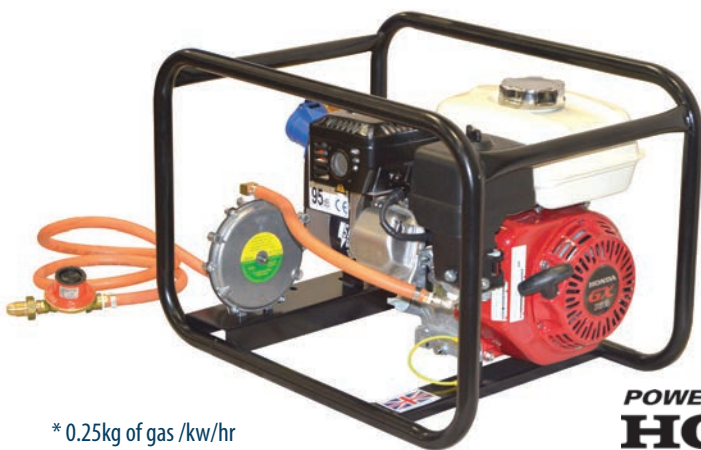
SE34003SLR - 3.4KVA/2.7KW HONDA GX200

• WITH 11 LITRE TANK (9.1 HRS) •



SE2700LPG - 2.7KVA/2.2KW HONDA GX160

• SHOWN WITH OPTIONAL LPG GAS CONVERSION •



SE2700ES - 2.7KVA/2.2KW HONDA GX160

• WITH ELECTRIC START •



* 0.25kg of gas /kw/hr
19kg gas bottle = 19 hours run time

POWERED by
HONDA

OTHER OPTIONS AVAILABLE

- Single Voltage
- LPG Gas Conversion - All Models
- 11 litre Long Run Fuel Tank - SE2700/SE34003S
- Trolley Kit
- AVR (Automatic Voltage Regulator)
- Electric Start - SE2700 (Standard On SE10000)



All Honda GX Engines come with a 3 year warranty

SPECIFICATION:

Model	KVA	KW	HP/CYL	Start	115V		230V		Fuel Tank (ltr)	Run Time @75% Load	Noise		Wt	Dimensions		
					16A	32A	16A	32A			7M dB Lwa			L	W	H
SE34003STK	3.4	2.7	6.5/1	RC	2	-	1	-	3.6	3.0	71	96	45	900	580	700
SE34003SLR	3.4	2.7	6.5/1	RC	2	-	1	-	11.0	9.1	71	96	37	610	420	540
SE2700LPG	2.7	2.2	5.5/1	RC	1	-	1	-	3.6	*	70	95	37	610	420	410
SE2700ES	2.7	2.2	5.5/1	RC/ES	1	-	1	-	3.6	3.6	70	95	44	610	420	410

+44 (0) 1933 677911

www.stephill-generators.co.uk

2700HMS - 2.7KVA/2.2KW HONDA GX160

- WITH METAL CONTROL BOX •



3400HM4S - 3.4KVA/2.7KW HONDA GX200

- 4 OUTPUT SOCKETS 1x16A/1x32A/115V & 2x16A/230V•



- ALL WITH TWIN ENGINE & ALTERNATOR MOUNTS •

5000HMS - 5.0KVA/4.0KW HONDA GX270

- WITH METAL CONTROL BOX •



6500HMS - 6.5KVA/5.2KW HONDA GX390

- WITH METAL CONTROL BOX •



POWERED by
HONDA™

STANDARD FEATURES

- Honda four stroke engine
- Noise compliant using the latest low noise engine specification
- Oil alert
- Dual voltage output c/w overload protection
- Metal control box
- Twin engine and alternator mounts
- Fully welded industrial carry frame for maximum protection
- Heavy duty smooth waveform brushless maintenance free alternator



All Honda GX Engines come with a 3 year warranty

SPECIFICATION:

Model	KVA	KW	HP/CYL	Start	115V		230V		Fuel Tank (ltr)	Run Time @75% Load	Noise				Dimensions		
					16A	32A	16A	32A			7M	dB	Lwa	Wt	L	W	H
2700HMS	2.7	2.2	5.5/1	RC	1	-	1	-	3.6	3.6	70	95	34	610	420	410	
3400HM4S	3.4	2.7	6.5/1	RC	1	1	2	-	3.6	3.0	71	96	36	610	420	410	
5000HMS	5.0	4.0	9.0/1	RC	1	1	2	-	6.0	3.5	71	96	59	690	480	540	
6500HMS	6.5	5.2	13.0/1	RC	1	1	1	1	6.5	2.6	72	97	71	690	480	540	

+44 (0) 1933 677911

www.stephill-generators.co.uk

3400HM4SLR - 3.4KVA/2.7KW HONDA GX200

- 4 SOCKETS WITH METAL LONG RUN TANK 11 LITRE (9.1HRS) •



5000LRT - 5.0KVA/4.0KW HONDA GX270

- 18 LITRE (10HRS) LONG RUN TANK & FUEL GAUGE •



6500HMS/TK - 6.5KVA/5.2KW HONDA GX390

- SHOWN WITH OPTIONAL TROLLEY •



6500HMSESLR - 6.5KVA/5.2KW HONDA GX390

- SHOWN WITH ELECTRIC START AND LONG RUN TANK •



POWERED by
HONDA

OTHER OPTIONS AVAILABLE

- Single Voltage
- LPG Gas Conversion
- Trolley Kit
- Long Run Fuel Tank
- AVR (Automatic Voltage Regulator)
- 3 Phase - 5000HMS/6500HMS
- Electric Start - 5000HMS/6500HMS



All Honda GX Engines come with a 3 year warranty

SPECIFICATION:

Model	KVA	KW	HP/CYL	Start	115V		230V		Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
					16A	32A	16A	32A			7M	dB	Lwa	Wt	L	W
3400HM4SLR	3.4	2.7	6.5/1	RC	1	1	2	-	11.0	9.1	71	96	37	610	420	540
5000LRT	5.0	4.0	9.0/1	RC	1	1	1	-	18.0	10	71	96	66	640	600	600
6500HMS/TK	6.5	5.2	13.0/1	RC	1	1	1	1	6.5	2.6	72	97	80	980	640	700
6500HMSESLR	6.5	5.2	13.0/1	RC/ES	1	1	1	1	15.5	6.2	72	97	86	710	510	600

+44 (0) 1933 677911

www.stephill-generators.co.uk

SE3400EC - 3.4KVA/2.7KW HONDA GX200



SE6500EC - 6.5KVA/5.2KW HONDA GX390



SE5000EC - 5.0KVA/4.0KW HONDA GX270



SE10000EC - 10.0KVA/8.0KW HONDA GX630



SSD6000EC - 6.0KVA/4.8KW YANMAR L100NES



STANDARD FEATURES (SE PETROL)

- Honda four stroke engine
- Noise compliant using the latest low noise engine specification
- 110/55 volt CTE output c/w overload protection
- Fully welded wrap around carry frame for maximum protection
- Smooth waveform brushless maintenance free alternator
- 3 Year engine warranty (limited)

STANDARD FEATURES (SSD6000EC)

- 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 and inspection
- 110/55 volt CTE output c/w overload protection
- Smooth waveform brushless maintenance free alternator
- All Yanmar L series engines come with a 3 year warranty

SPECIFICATION:

Model	KVA	KW	HP/CYL	Start	Sockets 110V			Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
					16A	32A	63A			7M	dB	Lwa	Wt	L	W
SE3400EC	3.4	2.7	6.5/1	RC	2	1	-	3.6	3.0	71	96	38	610	420	410
SE5000EC	5.0	4.0	9.0/1	RC	2	1	-	6.0	3.5	71	96	60	690	480	540
SE6500EC	6.5	5.2	13.0/1	RC	2	1	-	6.5	2.6	72	97	72	690	480	540
SE10000EC	10.0	8.0	20.0/2	ES	1	1	1	18.0	5.0	75	100	110	840	575	620
SSD6000EC	6.0	4.8	10.0/1	ES	2	1	-	24.0	17.0	66	91	196	1290	785	890

RT3400HMC - 3.4KVA/2.7KW HONDA GX200

• WITH 11 LITRE TANK (9.1HRS) •



RT5000HMC - 5.0KVA/4.0KW HONDA GX270

• WITH 15.5 LITRE TANK (9HRS) •



RT3000DLMC - 2.6KVA/2.1KW LOMBARDINI 15LD 225S

• WITH 13 LITRE TANK (17HRS) •



RT4000DLMC - 4.0KVA/3.2KW LOMBARDINI 15LD 350S

• WITH 13 LITRE TANK (13HRS) •



STANDARD FEATURES

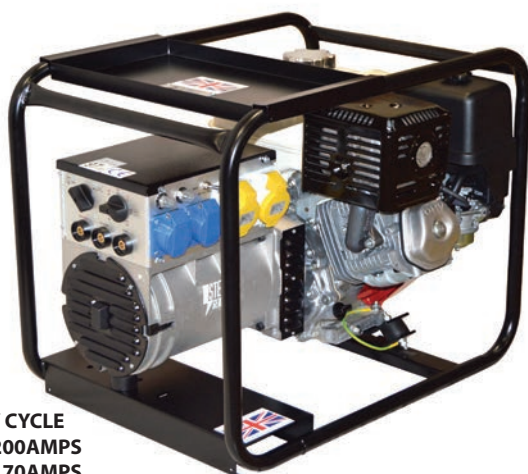
- Honda petrol and Lombardini diesel engines
- Noise compliant using the latest low noise engine specification
- Heavy duty smooth waveform brushless maintenance free alternator
- Steel long run fuel tanks
- Single voltage 110/55 volt CTE output c/w overload protection
- Fully welded wrap around frames for maximum protection
- London Underground / Rail Track Certified
- 3 Year engine warranty (limited - Honda only)

SPECIFICATION:

Model	KVA	KW	HP/CYL	Start	Sockets 110V			Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
					16A	32A	63A			7M	dB	Lwa	Wt	L	W
RT3400HMC	3.4	2.7	6.5/1	RC	2	1	-	11.0	9.1	71	96	42	610	420	540
RT5000HMC	5.0	4.0	9.0/1	RC	2	1	-	15.5	9.0	72	97	45	710	510	600
RT3000DLMC	2.6	2.1	3.3/1	RC	2	-	-	13.0	17.0	69	94	69	775	475	560
RT4000DLMC	4.0	3.2	6.8/1	RC	2	1	-	13.0	13.0	71	96	84	775	475	560

SW200AC - HONDA GX390 (200AMP)

• UP TO 4MM ROD - DIN 25 •



* DUTY CYCLE
35% - 200AMPS
60% - 170AMPS

SW200DC - HONDA GX390 (200AMP)

• UP TO 4MM ROD - IDEAL FOR LOW HYDROGEN RODS - DIN 32 •



* DUTY CYCLE
45% - 200AMPS
60% - 170AMPS

WELDING LEAD SET 6M OR 10M



SW200AC - HONDA GX390 (200AMP)

• SHOWN WITH OPTIONAL TROLLEY KIT •



POWERED by
HONDA

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 welding output
- Fully welded industrial duty carry frames for maximum strength
- Welder Accessory Tray



All Honda GX Engines come with a 3 year warranty

SPECIFICATION:																
Model	KVA		HP/CYL	Start	115V	Sockets	230V	Max Rod	Welding Duty	Fuel Tank (ltr)	Run Time	Noise		Dimensions		
	115	230										16A	16A	Size	60%	@75% Load
SW200AC	5.0	6.5	13/1	RC	2	2	4.0	170A	6.5	2.6	72	97	81	690	480	540
WITH TROLLEY	5.0	6.5	13/1	RC	2	2	4.0	170A	6.5	2.6	72	97	91	980	640	700
SW200DC	4.0	4.0	13/1	RC	1	1	4.0	170A	6.5	2.6	72	97	86	815	480	620

+44 (0) 1933 677911

www.stephill-generators.co.uk

2600LMEX - 2.6KVA/2.1KW LOMBARDINI I5LD225S



4000LMEX - 4.0KVA/3.2KW LOMBARDINI I5LD350S



4500YMEX ES - 4.5KVA/3.6KW • YANMAR L70ES



6000YMEX ES - 6.0KVA/4.8KW YANMAR L100ES



STANDARD FEATURES

- Recoil or Electric start genuine Yanmar and Lombardini engines with direct injection
- Brushless maintenance free alternators c/w top mounted control boxes
- Industrial duty powder coated wrap-around frames
- 230Volt 1Ph Output c/w reset button overload protection
- Other petrol and diesel generators are also available to export specification •

SPECIFICATION:

Model	KVA	KW	HP/CYL	Start	Sockets 230V 16A	Fuel Tank (ltr)	Run Time @75% Load	Noise 7M dB Lwa	Wt	Dimensions		
										L	W	H
2600LMEX	2.6	2.1	3.3/1	RC	2	3.0	4.0	72 97	52	610	420	540
4000LMEX	4.0	3.2	6.8/1	RC	2	4.3	4.3	74 99	68	690	420	540
4500YMEX ES	4.5	3.6	7.0/1	ES	2	4.3	4.3	75 100	97	690	480	540
6000YMEX ES	6.0	4.8	9.8/1	ES	2	5.5	3.5	75 100	129	815	480	620

+44 (0) 1933 677911

www.stephill-generators.co.uk

SE3000D - 2.6KVA/2.1KW LOMBARDINI 15LD225S

- MOST LIGHTWEIGHT DIESEL IN ITS CLASS •



SE4000DL - 4.0KVA/3.2KW LOMBARDINI 15LD350S

- SHOWN WITH TROLLEY OPTION •



SE4000DLES - 4.0KVA/3.2KW LOMBARDINI 15LD350S

- SHOWN WITH ELECTRIC START •



SE6000D4 - 6.0KVA/4.8KW YANMAR L100NES



YANMAR



STANDARD FEATURES

- Acoustic housing
- Folding carry handles
- Dual voltage output with overload protection
- 25mm tubular steel frame and high efficiency silencer
- Recoil start Lombardini engine with direct injection
- Heavy duty brushless maintenance free alternator with smooth wave form

STANDARD FEATURES (SE6000D4)

- Acoustic Cabinet with large access hood for ease of maintenance and inspection
- Dual voltage output 115V CTE / 230V complete with MCB overload protection
- Industrial 2 wheeled trolley frame complete with lifting eye
- Heavy duty brushless maintenance free alternator with smooth wave form
- Electric Start Yanmar diesel engine with direct injection, high engine temperature, low oil pressure and low fuel shutdown
- High efficiency exhaust silencer
- All Yanmar L series engines come with a 3 year warranty

SPECIFICATION:

Model	KVA	KW	HP/CYL	Start	115V		230V		Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
					16A	32A	16A	32A			7M	dB	Lwa	Wt	L	W
SE3000D	2.6	2.1	3.3/1	RC	1	-	1	-	13.0	17.0	69	94	69	775	475	560
SE4000DL	4.0	3.2	6.8/1	RC	1	1	1	-	13.0	13.0	71	96	84	775	475	560
SE4000DLES	4.0	3.2	6.8/1	ES	1	1	1	-	13.0	13.0	71	96	89	775	475	560
SE6000D4	6.0	4.8	10.0/1	ES	2	1	1	1	24.0	17.0	71	96	174	1220	735	885

+44 (0) 1933 677911

www.stephill-generators.co.uk

SLT6000D5- 6.0KVA/4.8KW YANMAR L100NES



YANMAR

STANDARD FEATURES

- 5.5mtr easy detachable 4 section stainless steel mast
- 1 x 1000w metal halide head
- 26 hours run time @ 1000 watts
- Quick and easy mast erection
- Fully adjustable stabiliser legs
- Electric Start Yanmar diesel engine with direct injection, high engine temperature shutdown, low oil pressure shutdown and low fuel shutdown
- Industrial duty two wheeled trolley frame complete with lifting eye
- Acoustic cabinet with large access hood for ease of maintenance and inspection
- Brushless maintenance free alternator with exceptional component design quality
- Dual voltage output 115V CTE / 230V complete with MCB overload protection
- Hours run counter
- Integral 24ltr fuel tank giving up to 17 hours running at 75% load
- Compact design and lightweight in its class



SPECIFICATION:

Model	KVA	KW	HP/CYL	Start	115V		Sockets		230V		Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
					16A	32A	16A	32A	7M	dB			Lwa	Wt	L	W	H	
SLT6000D5	6.0	4.8	10/1	ES	2	1	1	1	1	24.0	26.0/17.0	66	91	295	1290	785	890	

+44 (0) 1933 677911

www.stephill-generators.co.uk

SSD6000 - 6.0KVA/4.8KW YANMAR L100NES

• SUPER SILENT - 66dBA •



SSD6000S - 6.0KVA/4.8KW YANMAR L100NES

• ULTRA SUPER SILENT - 59dBA (@7m) •



SSD6000S SKID - 6.0KVA/4.8KW YANMAR L100NES

• SHOWN WITH OPTIONAL SKID BASE AND EASE OF MAINTENANCE ACCESS •



YANMAR

STANDARD FEATURES

- Acoustic cabinet with large access hood for ease of maintenance and inspection
- Electric Start Yanmar diesel engine with direct injection, high engine temperature shutdown, low oil pressure shutdown and low fuel shutdown
- High efficiency exhaust silencer
- 12 volt battery charge system
- Integral 24ltr fuel tank giving up to 17 hours running at 75% load
- Industrial duty two wheeled trolley frame complete with lifting eye
- Brushless maintenance free alternator with smooth wave form
- Dual voltage output 115V CTE / 230V complete with MCB overload protection



All Yanmar L series engines come with a 3 year warranty

SPECIFICATION:

Model	KVA	KW	HP/CYL	Start	115V		Sockets	230V		Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
					16A	32A	16A	32A	7M			dB	Lwa	Wt	L	W	H
SSD6000	6.0	4.8	10.0/1	ES	2	1	1	1	24	17.0	66	91	196	1290	785	890	
SSD6000S	6.0	4.8	10.0/1	ES	2	1	1	1	24	17.0	59	84	230	1290	785	970	

SSD8500S - 8.0KVA/6.4KW KUBOTA Z602

- SHOWN WITH TROLLEY OPTION •



SSD10000S - 10.0KVA/8.0KW KUBOTA D722

- SHOWN WITH STANDARD SKID BASE •



SSD10000S - 10.0KVA/8.0KW KUBOTA D722

- SHOWN WITH TROLLEY OPTION •



SSD10000S - 10.0KVA/8.0KW KUBOTA D722

- SHOWN WITH ROAD TOW TRAILER OPTION •
- (MEETS EC WHOLE VEHICLE TYPE APPROVAL (ECWVTA) – 2007/46/CE) •



STANDARD FEATURES

- Heavy duty brushless maintenance free alternator with smooth wave form
- Electric start water cooled
- Emergency stop
- Deep Sea DSE3110 push button start/stop controller with 2 wire start facility
- Kubota Diesel engine with direct injection
- Dual voltage output c/w overload protection
- 12v Battery Charging System
- Acoustic Cabinet
- Options - AVR (Automatic Voltage Regulator) - Single Voltage & Three Phase

SPECIFICATION:

Model	KVA	KW	CYL	Start	115V		Sockets	230V		Fuel Tank (ltr)	Run Time	Noise				Dimensions		
					16A	32A	16A	32A	@75% Load			7M	dB	Lwa	Wt	L	W	H
SSD8500S	8.0	6.4	2	ES	1	2	1	1	37	16.0	67	92	295	1285	655	900		
SSD10000S	10.0	8.0	3	ES	1	2	1	1	37	13.0	67	92	301	1285	655	900		

SSD6000W2 - 6.0KVA/4.8KW YANMAR L100NES



YANMAR

STANDARD FEATURES

- Compact designed acoustic low noise low vibration cabinet complete with lift off door and roof top hot air / exhaust outlet (optional ducting available if required)
- Super silent only 65dBA @ 7 Mtrs
- Electric start Yanmar diesel engine with direct injection, high engine and low oil pressure shutdown
- High efficiency low noise exhaust system
- Brushless maintenance free alternator with exceptional component design quality
- 230v 1 Phase output complete with MCB / ELCB
- Deep Sea DSE3110 push button start/stop controller with 2 wire start facility
- Ideal for welfare cabins

SPECIFICATION:

SPECIFICATION:												
Model	KVA	KW	HP/CYL	Sockets 230V		Noise			Dimensions			
				32A		7M	dB	Lwa	Wt	L	W	H
SSD6000W2	6.0	4.8	10.0/1	1		65		90	170	960	530	720



**All Yanmar L series engines
come with a 3 year warranty**

+44 (0) 1933 677911

www.stephill-generators.co.uk

SSDK10W - 10.0KVA/8.0KW KUBOTA D1105



SSDK10W/3 - 10.0KVA/8.0KW KUBOTA D1105

• WITH 195 LITRE FUEL TANK (100 HRS) •



SSDK12W - 12.0KVA/9.6KW KUBOTA V1505



SSDK20W - 20.0KVA/16.0KW KUBOTA V2203



STANDARD FEATURES

- All cabinets are made from Zintec steel to protect against corrosion
- 1500rpm Kubota water cooled diesel engine, complete with high engine temperature and low oil pressure shutdown
- Brushless AVR controlled maintenance free alternators - voltage regulation +/- 1.0%
- 230V output c/w MCB and ELCB protection
- Deep Sea DSE3110 push button start/stop controller with 2 wire start facility
- Long range fuel tank giving up to 100 hours running at 75% load
- Super Silent close fitting skid mount acoustic cabinet with extremely low noise level of 59dBA @ 7 Mtrs, lift off doors for ease of access, service and inspection
- Hard wire connection facility

SPECIFICATION:

Model	KVA	KW	CYL	Start	Sockets 230V			Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
					16A	32A	63A			7M	dB	Lwa	Wt	L	W
SSDK10W	10.0	8.0	3	ES	-	2	-	55	27	59	84	425	1150	790	1000
SSDK10W/3	10.0	8.0	3	ES	1	-	1	195	100	59	84	465	1150	790	1391
SSDK12W	12.0	9.6	4	ES	-	-	2	120	41	60	85	610	1800	800	1270
SSDK16W	16.0	12.8	3	ES	-	-	2	120	34	63	88	665	1800	800	1270
SSDK20W	20.0	16.0	4	ES	-	-	2	120	26	64	89	695	1800	800	1270

+44 (0) 1933 677911

www.stephill-generators.co.uk

SSDK12M - 12.0KVA/9.6KW KUBOTA V1505



SSDK16M - 16.0KVA/12.8KW KUBOTA D1703



STANDARD FEATURES

- All cabinets are made from Zintec steel to protect against corrosion
- 1500rpm, Kubota watercooled diesel engines, complete with high engine temperature shutdown, low oil pressure shutdown
- Lockable control panel housing
- Deep Sea DSE3110 push button start/stop controller with 2 wire start facility
- Super silent with close fitting acoustic cabinets with noise levels as low as 60dBA, complete with large access doors for ease of maintenance
- Brushless AVR controlled maintenance free alternators - voltage regulation +/- 1.0%



SPECIFICATION:

Model	KVA	KW	CYL	400V	115V		230V		Fuel Tank (ltr)	Run Time	Noise			Dimensions		
				32A	16A	32A	16A	32A		@75% Load	7M	dB	Lwa	Wt	L	W
SSDK12M	12.0	9.6	4	1	1	3	2	2	120	41	60	85	610	1800	800	1270
SSDK16M	16.0	12.8	3	1	1	3	2	2	120	34	63	88	665	1800	800	1270

SSDK20M - 20.0KVA/16.0KW KUBOTA V2203

- SHOWN WITH OPTIONAL TRAILER •
- (MEETS EC WHOLE VEHICLE TYPE APPROVAL (ECWVTA) – 2007/46/CE) •



SSDK25M - 25.0KVA/20.0KW KUBOTA V2003T



⚡ Multi-phase = Multiple advantages

Stephill Generators SSD Multi-phase diesel generators incorporate oversized alternators in respect of the nominal 3 phase output of the generating set. This gives the following **advantages**;

⚡ **50% more power than conventional generating sets on the 1 phase output.**

⚡ **Significantly improved motor starting capability and better transient (load acceptance) performance.**

⚡ **Improved longevity of the generating set overall**

STANDARD FEATURES

- Full rated output from all 3 voltages
- Overload protection for each individual socket
- Hard wire connection facility
- ELCB fitted to the 230/400 volt output
- Emergency Stop button and battery isolator switch for safety and security
- Three way valve, for connection to bowser tank (additional fuel pump may be required)
- Bundled long range fuel tanks giving up to 41 hours running at 75% load



SPECIFICATION:

Specification																	
Model	KVA	KW	CYL	400V		115V		230V		Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
				32A	16A	32A	16A	32A	7M			dB	Lwa	Wt	L	W	H
SSDK20M	20.0	16.0	4	1	1	3	2	2	120	26	64	89	695	1800	800	1270	
SSDK25M	25.0	20.0	4	1	1	3	2	2	120	24	63	88	715	1800	800	1270	

SSDP30 - 30.0KVA/24.0KW PERKINS 1103A-33G

• 230V ONLY •



SSDP33 - 33.0KVA/26.4KW PERKINS 1103A-33G



SSDP50 - 50.0KVA/40.0KW PERKINS 1103A-33TG1



SSDP70 - 67.0KVA/53.6KW PERKINS 1103A-33TG2



STANDARD FEATURES

- All cabinets are made from Zintec steel to protect against corrosion
- Super silent with close fitting optional skid base acoustic cabinets, complete with large access doors for ease of maintenance
- Deep Sea DSE6110 push button start/stop controller with 2 wire start facility
- Brushless AVR controlled maintenance free alternators - voltage regulation +/- 1.0%
- Overload protection for each individual socket
- Hard wire connection facility
- 1500rpm Perkins watercooled diesel engines, complete with high engine temperature shutdown, low oil pressure shutdown
- Lockable control panel door
- ELCB fitted to the 400/230 volt output (P33)
- Variable ELCB fitted to the 400/230 volt output (P50 and P70)
- Three way valve, for connection to bowser tank (additional fuel pump may be required)

SPECIFICATION:

Model	KVA	KW	CYL	Sockets 400V		Sockets 230V			Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
				32A	63A	63A	16A	32A			7M	dB	Lwa	Wt	L	W
SSDP30	30.0	24.0	3	-	-	1	1	2	280	52	64	89	1300	2050	1000	1490
SSDP33	33.0	26.4	3	1	-	-	-	3	280	48	64	89	1300	2050	1000	1490
SSDP50	50.0	40.0	3	1	1	-	1	2	350	42	63	88	1400	2450	1000	1490
SSDP70	67.0	53.6	3	1	1	-	1	2	350	33	63	88	1496	2450	1000	1490

+44 (0) 1933 677911

www.stephill-generators.co.uk

SSDP36A - 36.0KVA/28.8KW PERKINS 1103D-33G3



SSDP70A - 67.0KVA/53.6KW PERKINS 1104D-44TG3



SSDP70A - 67.0KVA/53.6KW PERKINS 1104D-44TG3

- SHOWN WITH ROAD TOW TRAILER OPTION •
- MEETS EC WHOLE VEHICLE TYPE APPROVAL (ECWVTA) – 2007/46/CE •



STANDARD FEATURES



- All cabinets are made from Zintec steel to protect against corrosion
- Super silent with close fitting optional skid base acoustic cabinets, complete with large access doors for ease of maintenance
- Deep Sea DSE6110 push button start/stop controller with 2 wire start facility
- Brushless AVR controlled maintenance free alternators - voltage regulation +/- 1.0%
- Overload protection for each individual socket
- Hard wire connection facility
- 1500rpm Perkins watercooled diesel engines, complete with high engine temperature shutdown, low oil pressure shutdown
- Lockable control panel door
- E LCB fitted to the 400/230 volt output (P36A)
- Variable ELCB fitted to the 400/230 volt output (P70A)
- Three way valve, for connection to bowser tank (additional fuel pump may be required)

SPECIFICATION:

SPECIFICATION:															
Model	KVA	KW	CYL	Sockets 400V		Sockets 230V		Fuel Tank (ltr)	Run Time @75% Load	Noise			Dimensions		
				32A	63A	16A	32A			7M	dB	Lwa	Wt	L	W
SSDP36A	36.0	28.8	3	1	-	-	3	280	45	64	89	1300	2050	1000	1490
with trailer	36.0	28.8	3	1	-	-	3	280	45	64	89	1480	3950	1600	1800
SSDP70A	67.0	53.6	4	1	1	1	2	350	33	63	88	1410	2450	1000	1490
with trailer	67.0	53.6	4	1	1	1	2	350	33	63	88	1620	4150	1600	1800

+44 (0) 1933 677911

www.stephill-generators.co.uk

CUSTOM BUILD PRODUCTION FACILITY

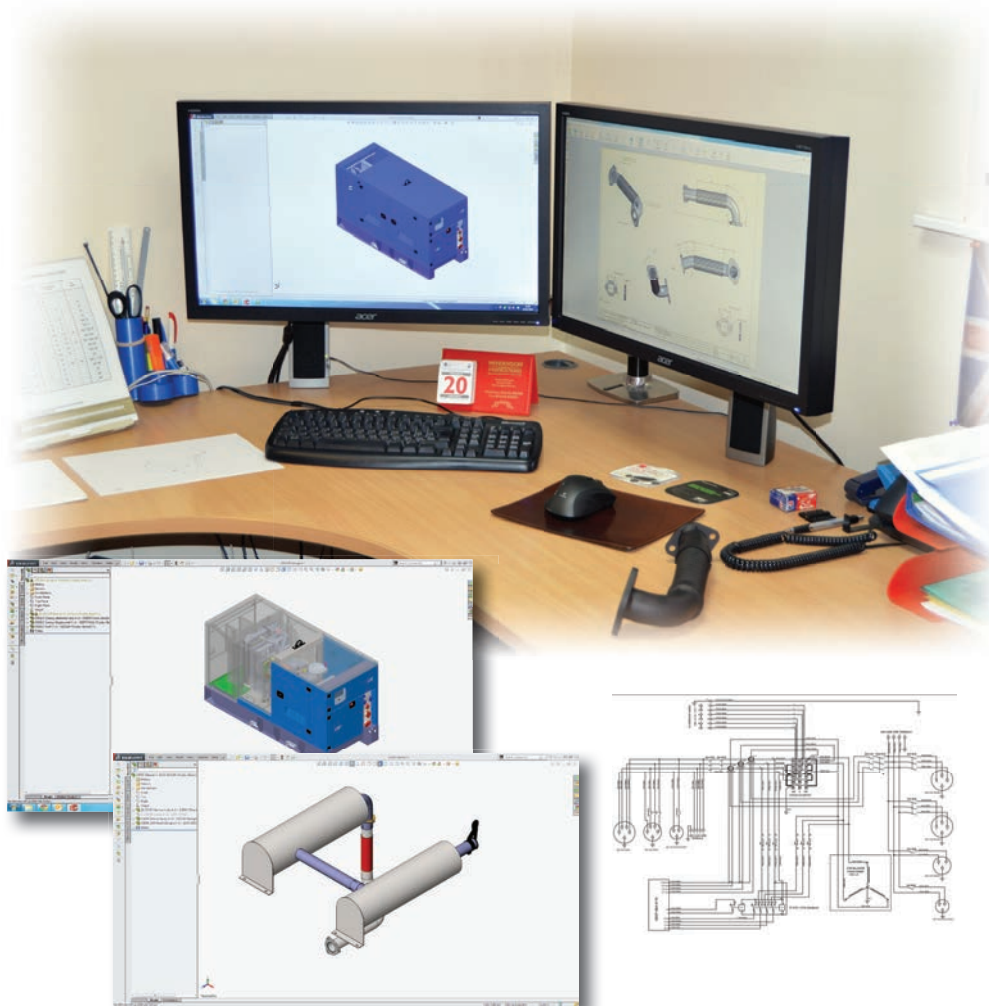
Stephill Generators have a long history of designing and manufacturing custom build products for numerous and varied applications including;

- Utilities
- Military
- Telecom
- Emergency services / special vehicles
- Lighthouse authorities
- Motorsport
- Film & TV industry

Our experienced R&D department work closely with clients from first design brief through to project completion, ensuring that we deliver on-time and in accordance with the exact specification required.

Please contact our Sales department should you wish to discuss individual generator requirements, or generating sets for specific applications.

Stephill Generators are members of Achilles / UVDB and welcome enquiries for bespoke generating sets from the Utilities sector.



GENERATOR TEST EQUIPMENT DUAL VOLTAGE 115/230V



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. Load can be applied via 2 x 115 and 2 x 230 volt sockets for testing generator performance under load on both voltages.

CHALWYN VALVE & SPARK ARRESTOR



For applications where combustible gas or dust may be present in the environment that the generator is to operate in, a Chalwyn valve shutdown device and spark arrestor can be incorporated into the diesel engine air intake and exhaust system.

ATS PANEL



3 phase/1 phase Automatic mains transfer switch panel. Wall mounted steel cabinet consisting of:

- Fully programmable microprocessor control module
- Mains on load indicator
- Generator on load indicator

- Test on/off load
- Delay on start option
- Warm up delay
- Mains return delay

Standard change-over contactors: 100 amp
Meters (Generator & Mains) – Frequency / Volts & Ammeter

1000Watts = 1.0KW 1.25kVA = 1.0KW

Electrical Equipment	Approximate Wattage
Air Con 1hp	2500
Angle Grinder 125mm	1100
Angle Grinder 230mm	2200
Belt Sander	1100
Cement Mixer (Small)	1500
Central Heating Pump	800
Chain Saw	1600
Concrete Poker	2500
Cooker	12,000 (minimum)
Computer and VDU	700
Coffee Machine	1300
Dehumidifier	3000
Deep Freeze	1500
Demolition Breaker	2400
Dish Washer	2000 - 3000
Fan Heater 2 Bar	2000
Fax Machine	600
Flood Light TH	500
Flood Light MH	1000
Fluorescent Tube	60
Floor Sander (200mm)	2000
Food Mixer	500
Fridge	700 - 1000
Hair dryer	1500 - 2300
Hair Straightners	150
Hammer Drill	1000
Hedge Trimmer	600
Hi-Fi	300
Hot Air Gun	3000

Electrical Equipment	Approximate Wattage
Iron	1000
Iron (Steam)	2200
Jig Saw	600
Kettle	2500 - 3000
Lawn Mower	600 - 1200
Lawn Raker	500
Light Bulb (Domestic Std)	25 - 100
Micro Wave 900W	1500
Orbital Sander	500
Planer	1000
Power Drill	500 - 900
Power Float	1500
Photocopier	1600
Pressure Washer	3000 - 6000
Printer	400
Radiator (Oil Filled)	1000 - 2000
Router	1600 - 1900
Saw (Chain)	1500
Saw 250mm (Masonry)	4000
Saw (Mitre)	1600
SAT / Cable TV Receiver	25
Strimmer	500
Television	200
Toaster	1050 - 1500
Treadmill (Domestic)	2300
Tumble Dryer	2500
Vacuum Cleaner	1000 - 1300
Washing Machine	4000
Water Heater	3000

Electrical Equipment	Running Watts	Starting Watts
0.25 HP Motor	250	800
0.50 HP Motor	500	1600
0.75 HP Motor	750	2300
1.00 HP Motor	1000	3000
1.50 HP Motor	1500	4500
2.00 HP Motor	2000	6000

This is an approximate guide only. Please consult the equipment manufacturer for precise wattage. If in doubt, select next largest generator.

STEPHILL[®] GENERATORS

Wallis Close
Park Farm South
Wellingborough
Northants NN8 6AG
United Kingdom

Tel : +44 (0) 1933 677911

Fax : +44 (0) 1933 677916

info@stephill-generators.co.uk

www.stephill-generators.co.uk



For detailed generator specifications and data sheets please refer to our website.
CE Marking – Products conform to European essential Health & Safety directives.

WARRANTY: All products are individually tested before despatch and carry a 12 month parts and labour warranty.
Stephill Generators Ltd reserve the right to change or amend specifications without any prior notice and all dimensions and weights contained within this brochure are approximate.

Designed & manufactured in the UK