

NO NONSENSE POWER.

DIESEL GENERATORS

hgigenerators.com



HGI Generators

Overview

HGI have the ability to design, manufacture, test, install and service engine driven generators from 3 kVA to 150 kVA and supply these across the globe.

We are committed to providing a tailored and cost effective solution to your power requirements, drawing on our 40 years experience in the Defence, Telecoms, Rail, Hire and Construction markets where quality and reliability, along with environmental considerations, are paramount.

Our customers value the economic advantage gained from our products. Our philosophy is to create a system which exceeds the customer's requirements through a partnership rather than a simple supplier / customer relationship.

We are proud of our unrivalled reputation for high quality design and our 'on time, on budget' approach to everything we do.

Our recently introduced HSD series have been designed to meet the needs of a multitude of applications. From 12kVA through to 20kVA, these feature a host of options, (Including our latest multi voltage / multi-phase version), making them ideal whether its for emergency stand-by or plant hire use. Within this range, all sets are Stage 5 emissions compliance ready and fitted with class leading engines from Kubota coupled to premium Leroy Somer alternators, controlled via Deep Sea Electronics. A generous 125Ltr bunded baseframe fuel tank is provided as standard.

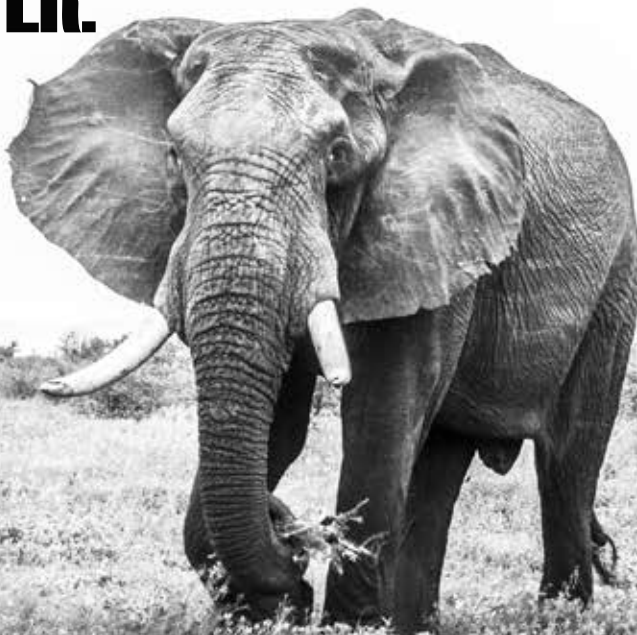
The full acoustic canopies provide excellent noise reduction and are manufactured using heavy duty smooth galvanised steel, treated with zinc phosphate before powder coating to provide exceptional durability and protection against corrosion.

The HSD range from 40kVA through to 150kVA are designed specifically for export outside the EU or for emergency stand-by use only.

The HSD series - premium power at an affordable price.

Our HRD range covers 12kVA through to 150kVA, all sets meet Stage 3a emissions compliance and are Stage 5 ready. This range has remained at the frontline of the HGI diesel series for many years and during its time has developed a strong, loyal following by major plant hire companies throughout the UK & Ireland.

**NO
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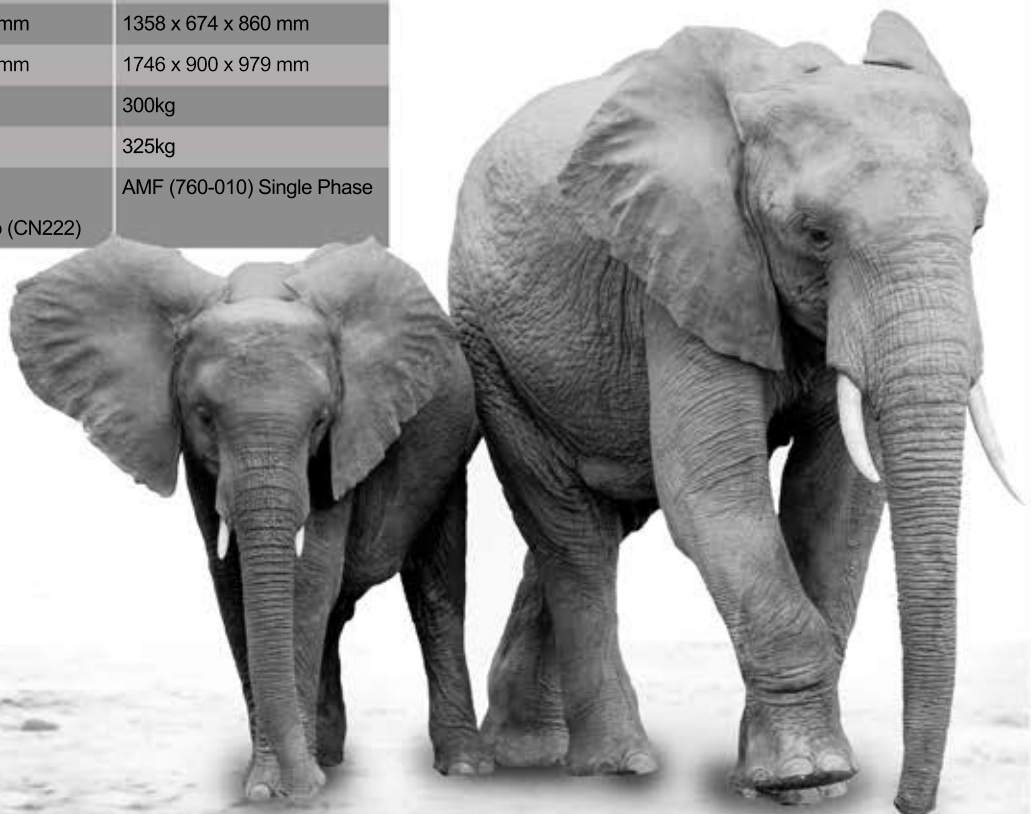
HRD060 | SKD100

6.0 kVA

10.0 kVA



MODEL	HRD060D	SKD100-i
Output Power	4.8kW (6.0 kVA)	8.0kW (10.0 kVA)
Voltage	110V / 230V	110V / 230V
Engine	Yanmar L100	Kubota D722B
Speed	3000	3000
Socket Config.	110V - 2 x 16A, 1 x 32A 230V - 1 x 16A, 1 x 32A	110V - 2 x 16A, 1 x 32A 230V - 2 x 16A, 1 x 32A
Sound Level @ 7m	69 dB(A)	70 dB(A)
Cooling System	Forced Air Cooled	Water Cooled
Fuel Tank Capacity	26.0 Litres	30.0 Litres
Run Time @ 75% Load	16.0 hrs	10.5 hrs
Alternator	MeccAlte	MeccAlte
Canopy (White)	Powder Coated, Weather Proof	Powder Coated, Weather Proof
Dimensions (L x W x H)	1014 x 580 x 851 mm	1358 x 674 x 860 mm
Dims with Wheel Kit	1341 x 760 x 974 mm	1746 x 900 x 979 mm
Dry Weight	185kg	300kg
Dry Weight with Wheel Kit	210kg	325kg
Options	AMF (AM136) Remote Start/Stop (CN222)	AMF (760-010) Single Phase



HSD120 | HSD160 | HSD200

12.0 kVA

16.0 kVA

20.0 kVA



MODEL	HSD120	HSD160	HSD200
Output Power	9.6kW (12.0 kVA)	12.8kW (16.0 kVA)	16.0kW (20.0 kVA)
Voltage	Single Phase (230V)	Single Phase (230V)	Single Phase (230V)
	HSD120 - 1PH-E (Terminals Only)	HSD120 - 1PH-E (Terminals Only)	HSD120 - 1PH-E (Terminals On
	HSD120 - 1PH-S (Sockets)	HSD120 - 1PH-S (Sockets)	HSD120 - 1PH-S (Sockets)
	Three Phase (400V, 230V)	Three Phase (400V, 230V)	Three Phase (400V, 230V)
	HSD120 - 3PH-E (Terminals Only)	HSD120 - 3PH-E (Terminals Only)	HSD120 - 3PH-E (Terminals Only)
	HSD120 - 3PH-S (Sockets)	HSD120 - 3PH-S (Sockets)	HSD120 - 3PH-S (Sockets)
Engine	Kubota V1505	Kubota D1703	Kubota V2203
Control Module	Deep Sea 4520	Deep Sea 4520	Deep Sea 4520
Speed	1500	1500	1500
Sound Level @ 7m	62 dB(A)	62 dB(A)	67 dB(A)
Cooling System	Water Cooled	Water Cooled	Water Cooled
Fuel Tank Capacity	122.0 Litres	122.0 Litres	122.0 Litres
Run Time @ 75% Load	46.7 hrs	38.0 hrs	29.0 hrs
Alternator	Leroy Somer	Leroy Somer	Leroy Somer
Canopy (White)	Powder Coated, Weather Proof	Powder Coated, Weather Proof	Powder Coated, Weather Proof
Dimensions (L x W x H)	1830 x 900 x 1210 mm	1830 x 900 x 1210 mm	1830 x 900 x 1210 mm
Dry Weight	591kg	657kg	735kg
Options	AMF, Road Tow Trailer,	AMF, Road Tow Trailer,	AMF, Road Tow Trailer,
	Earth Rod, External Fuel Snap Connectors	Earth Rod, External Fuel Snap Connectors	Earth Rod, External Fuel Snap Connectors

SOCKET CONFIG. OPTIONS

1PH-S	3PH-S
HGI	HGI
1 X 16A 2 X 32A	1 X 16A 230V 1 X 32A 400V

HSD120M | HSD160M | HSD200M

12.0 kVA

16.0 kVA

20.0 kVA



MODEL	HSD120M	HSD160M	HSD200M
Output Power	9.6kW (12.0 kVA)	12.8kW (16.0 kVA)	16.0kW (20.0 kVA)
Voltage	400V, 230V, 110V	400V, 230V, 110V	400V, 230V, 110V
Engine	Kubota V1505	Kubota D1703	Kubota V2203
Control Module	Deep Sea 4520	Deep Sea 4520	Deep Sea 4520
Speed	1500	1500	1500
Sound Level @ 7m	61 dB(A)	62 dB(A)	67 dB(A)
Cooling System	Water Cooled	Water Cooled	Water Cooled
Fuel Tank Capacity	122.0 Litres	122.0 Litres	122.0 Litres
Run Time @ 75% Load	47.0 hrs	38.0 hrs	29.0 hrs
Alternator	Leroy Somer AVR (TAL040E)	Leroy Somer AVR (TAL042B)	Leroy Somer AVR (TAL042C)
Canopy (White)	Powder Coated, Weather Proof	Powder Coated, Weather Proof	Powder Coated, Weather Proof
Dimensions (L x W x H)	1830 x 900 x 1210 mm	1830 x 900 x 1210 mm	1830 x 900 x 1210 mm
Dry Weight	591kg	651kg	735kg
Options	AMF, Road Tow Trailer	AMF, Road Tow Trailer	AMF, Road Tow Trailer



EMERGENCY STAND-BY OR NON EU APPLICATIONS ONLY

HSD450 | HSD600 | HSD1000 | HSD1500

45.0 kVA

60.0 kVA

100.0 kVA

150.0 kVA



Images for illustration purposes only.



MODEL	HSD450	HSD600	HSD1000	HSD1500
Output Power	36.0kW (45.0 kVA)	48.0kW (60.0 kVA)	80.0kW (100.0 kVA)	120.0kW (150.0 kVA)
	400V - 3 Phase - 45.0 kVA	400V - 3 Phase - 60.0 kVA	400V - 3 Phase - 100.0 kVA	400V - 3 Phase - 150.0 kVA
	Terminal Only	Terminal Only	Terminal Only	Terminal Only
Voltage	400V 3 Phase	400V 3 Phase	400V 3 Phase	400V 3 Phase
Control Module	Deep Sea 4520	Deep Sea 4520	Deep Sea 7320	Deep Sea 7320
Engine	Perkins 1103A-33TG1	Perkins 1103A-33TG2	Perkins 1104C-44-TAG2	Perkins 1106A-70TAG2
Speed	1500	1500	1500	1500
Sound Level @ 7m	65 dB(A)	65 dB(A)	65 dB(A)	65 dB(A)
Cooling System	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Fuel Tank Capacity	100.0 Litres	100.0 Litres	180.0 Litres	180.0 Litres
Run Time @ 75% Load	12.15 hrs	9.25 hrs	10.5 hrs	6.20 hrs
Alternator	Stamford UC224D	Stamford UCI224E	Stamford UCI274C	Stamford UC1274F
Canopy (White)	Powder Coated, Weather Proof	Powder Coated, Weather Proof	Powder Coated, Weather Proof	Powder Coated, Weather Proof
Dimensions (L x W x H)	2200 x 900 x 1510 mm	2200 x 900 x 1510 mm	2550 x 1000 x 1650 mm	3200 x 1100 x 1872 mm
Dry Weight	1350kg	1350kg	1600kg	2015kg



HRD120 | HRD160 | HRD200

12.0 kVA

16.0 kVA

20.0 kVA



MODEL	HRD120D	HRD160D	HRD200T
Output Power	9.6kW (12.0 kVA)	12.8kW (16.0 kVA)	16.0kW (20.0 kVA)
Voltage	110V / 230V	110V / 230V	110V / 230V / 400V
Socket Config.	110V: 1X16A 3X32A 230V: 1X16A 3X32A	110V: 1X16A 3X32A 230V: 1X16A 3X32A	110V: 1X16A 3X32A 230V: 2X16A 2X32A 400V: 1X32A
Engine	Kubota V1505	Kubota D1703	Kubota V2203
Speed	1500	1500	1500
Control Module	Deep Sea 4510	Deep Sea 4510	Deep Sea 4510
Sound Level @ 7m	63 dB(A)	63 dB(A)	63 dB(A)
Cooling System	Water Cooled	Water Cooled	Water Cooled
Fuel Tank Capacity	150.0 Litres	150.0 Litres	150.0 Litres
Run Time @ 75% Load	58 hrs	47 hrs	37 hrs
Alternator	Leroy Somer	Leroy Somer	Leroy Somer
Canopy (White)	Powder Coated, Weather Proof	Powder Coated, Weather Proof	Powder Coated, Weather Proof
Dimensions (L x W x H)	1850 x 969 x 1348 mm	1850 x 969 x 1348 mm	1850 x 969 x 1348 mm
Dry Weight	677kg	741kg	788kg
Options	AMF, Terminal Only	AMF, Terminal Only	AMF, Terminal Only

HRD400 | HRD600 | HRD1000 | HRD1600

40.0 kVA

60.0 kVA

100.0 kVA

160.0 kVA



MODEL	HRD400-T	HRD600-T	HRD1000-T	HRD1600-T
Output Power	32.0kW (40.0 kVA) 400V - 3 Phase - 40.0 kVA 230V - 1 Phase - 13.3 kVA	48.0kW (60.0 kVA) 400V - 3 Phase - 60.0 kVA 230V - 1 Phase - 20.0 kVA	80.0kW (100.0 kVA) 400V - 3 Phase - 100.0 kVA 230V - 1 Phase - 33.3 kVA	120.0kW (160.0 kVA) 400V - 3 Phase - 159.0 kVA 230V - 1 Phase - 42.0 kVA
Voltage	230V / 400V	230V / 400V	230V / 400V	230V / 400V
Engine	Kohler KDI 2504TM-40 EU	Perkins 1104D-44 -TG3	Perkins 1104D-44 -TAG2	John Deere 6068HFU82
Control Module	Deep Sea 7320	Deep Sea 7320	Deep Sea 7320	Deep Sea 7320
Speed	1500	1500	1500	1500
Sound Level @ 7m	63 dB(A)	65 dB(A)	65 dB(A)	72 dB(A)
Cooling System	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Fuel Tank Capacity	193.0 Litres	320.0 Litres	320.0 Litres	580.0 Litres
Run Time @ 75% Load	24.0 hrs	26.0 hrs	17.2 hrs	20.0 hrs
Alternator	Sincro	Leroy Somer	Leroy Somer	Leroy Somer
Canopy (White)	Powder Coated, Weather Proof	Powder Coated, Weather Proof	Powder Coated, Weather Proof	Powder Coated, Weather Proof
Dimensions (L x W x H)	2120 x 950 x 1643 mm	2800 x 1050 x 1782 mm	2800 x 1050 x 1782 mm	3582 x 1116 x 2080 mm
Dry Weight	1150kg	1555kg	1756kg	2520kg

SOCKET CONFIGURATIONS



3 X 32A 230V
1 X 63A 400V
1 X 125A 400V

SWD180D-I | SWD300T-I

170 Amp

300 Amp



MODEL	SWD180D-I (Dual Volt)	SWD300T-I (Three Phase)
Welding Output	170 Amp DC	300 Amp DC
Frequency	50 Hz	50 Hz
Welding Current	40 x 170 Amp	30 x 300 Amp
Welding Voltage	20 - 27V (OCV 90)	31 - 32V (OCV 70)
Aux Output	110V	4.0 kVA
	230V	5.0 kVA
	415V	8.0 kVA
Socket Config.	110V	2 x 16 Amp
	230V	1 x 16 Amp
	415V	1 x 16 Amp
Engine	Yanmar L100N	Kubota D772
Speed	3000 rpm	3000 rpm
Cooling System	Air	Water
Fuel Tank Capacity	10.5 Litres	42.0 Litres
Run Time @ 75% Load	7.0 hrs	12.7 hrs
Sound Level @ 7m	72 dB(A)	69 dB(A)
Trolley (White)	Powder Coated, Anti-Vibration Mounts	Powder Coated, Anti-Vibration Mounts
Dimensions (L x W x H)	900 x 610 x 710mm	1385 x 660 x 915 mm
Dry Weight	175kg	400kg
Welding - Duty Cycle	170 Amp @ 35%	300 Amp @ 35%
	140 Amp @ 60%	270 Amp @ 60%



