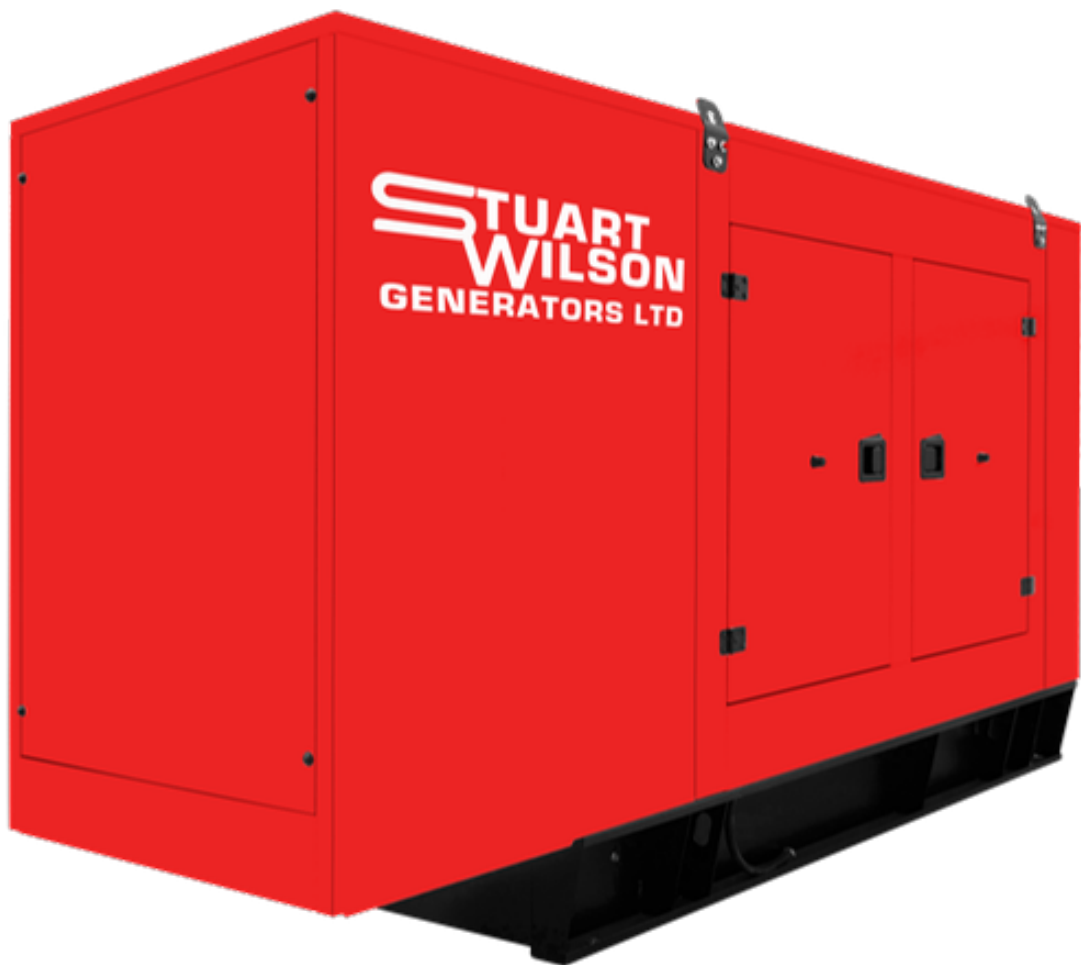




DIESEL GENERATORS



www.stuartwilsongenerators.com

STUART WILSON GENERATORS LTD

We supply diesel generator sets from market-leading manufacturers.

Our generators are powered by Perkins, Yanmar, Mitsubishi and more and are available as an open set or canopied.

Designed for Island life, our generators are capable of operating at temperatures up to 50 degrees C with a paint finish designed to withstand harsh weather conditions.

We only trade sell to dealers when present on the island.

ENGINE



For 90 years, Perkins has led the field in the design and manufacture of high-performance diesel engines.

With nearly 20 million engines produced, of which more than half are still running, Perkins products have earned a reputation for reliability, flexibility, integration and low cost of ownership.

A key part of the Perkins value is its global product support network which ensures all its engines are kept running.



YANMAR takes great pride in producing reliable and efficient engines that get the job done every time, without hiccups.

YANMAR engines are true high-performance technology and boast the maximum in engine life, tested under extreme conditions. They don't leave the production line until YANMAR is sure that they will live up to every aspect of their legendary reputation. YANMAR's commitment is reflected in their impressive engine warranties.

CONTROL PANEL

Our standard diesel generator control panel provides peace of mind with advanced monitoring, robust protection, and ease of operation by using leading brand Deep Sea. Other brands available on request.

Features:

- Monitors engine speed, oil pressure, coolant temperature, frequency, voltage, current and power
- LCD sealed module
- Event, shutdown and alarm log

In addition to our standard offering, you can choose from a comprehensive range of control panels tailored to your specific needs. From cell phone and BMS to sophisticated multi-set synchronisation options, we provide the tools you need for safe and efficient control.



STUART WILSON GENERATORS LTD

FUEL TANK

All our standard products include an integral fuel tank constructed from folded steel plate and weld up to 800kVA

Features:

- Paint finish resistant to corrosion
- Easy-access fill point
- Visual contents level gauge and electrical options
- Tank vent
- Fuel feed and return to engine and spare tank access for remote filling
- Tank drain cleaning point

CIRCUIT BREAKER

- Single phase models are fitted with a 2 pole circuit breaker
- Three phase models are fitted with a 4 pole circuit breaker



BATTERY CHARGER

During long periods at rest, batteries will lose their power. A battery charger tailored to your battery's needs maintains the charge in the batteries to start the engine.

ALTERNATOR AIR HEATER

An alternator heater is recommended for high humidity environments. It maintains the air temperature within the alternator windings to prevent condensation which can lead to failure. These are wired to the control panel tower.

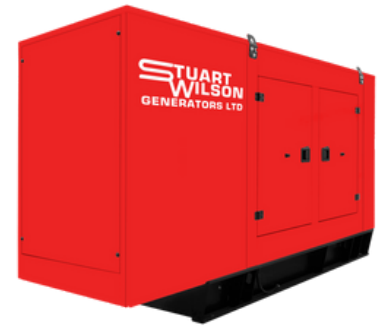


MANUFACTURING STANDARDS

Our generators are manufactured according to the following EEC standards:

- | | |
|----------------------------|--------------------------------|
| • Machinery Directive | 2006/42/EC & EN ISO 12100:2016 |
| • Low Voltage Directive | 2014/35/EU |
| • Noise Directive | 2000/14/EC |
| • Controlgear & Switchgear | TS ISO 8528-4 :2015 |
| • Generating Sets | TS ISO 8528-5 :2015 |
| • Safety | TS EN 12601 :2013 |

- Perkins engine 50/60 Hz, electronic governor
- Deep Sea DSE6120 manual/auto start control panel
- CE certified
- 12 wire alternator
- Acoustic soundproof enclosure Ral 3002 Red
- Power rated up to 50 degrees C



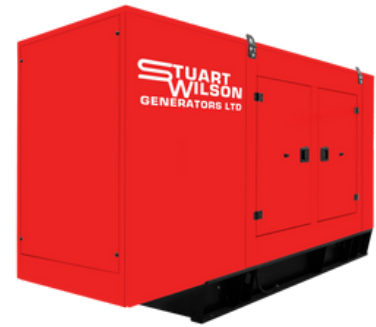
SINGLE PHASE MODELS - 220 Volt, 50Hz

Model	Perkins	Alternator	Max Amps	Prime /Standby	Prime /Standby	Fuel Tank Capacity	Run Time @ 75%	Fuel Consum. 100% Load	Fuel Consum. 75% Load	Fuel Consum. 50% Load
				kVA	kW	US Gallons /Litres	Hours	Litres/hr	Litres/hr	Litres/hr
P10S-7	403A-11G1	N164C	41	8.6 / 9.6	7 / 7.8	11.09 / 42	17	3	2.3	1.7
P15S-11	403A-15G1	N184E	60	13 / 14	10.4 / 11.2	11.35 / 43	15.5	3.7	2.8	2
P18S-14	403A-15G2	N184G	71	14.8 / 16.5	11.8 / 13.2	11.35 / 43	15	3.7	2.8	2
P22S-16	404A-22G1	N184G	95	20 / 22	16 / 17.6	16.37 / 62	15.5	5.3	4	2.9
P33S-26	1103A-33G	N224D	143	30 / 33	24 / 26.4	31.70 / 120	16.5	7.2	5.6	4
P50S-33	1103A-33TG1	N224E	178	37 / 41	29.4 / 32.7	31.70 / 120	14.5	10.8	8.2	5.8
P50S-40	1103A-33TG1	N224F	217	45 / 50	36 / 40	13.70 / 120	14.5	10.8	8.2	5.8

THREE PHASE MODELS - 400/230 Volt, 50Hz

Model	Perkins	Alternator	Max Amps	Prime/ Standby	Prime/ Standby	Fuel Tank Capacity	Run Time @75%	Fuel Consum. 100% Load	Fuel Consum. 75% Load	Fuel Consum. 50% Load
				kVA	kW	US Gallons /Litres	Hours	Litres/hr	Litres/hr	Litres/hr
P15	403A-15G1	N164C	20	13 / 14	10.4 / 11.2	11.35 / 43	15	3.7	2.8	2
P22	404A-22G1	N184E	31	20 / 22	16 / 17.6	16.37 / 62	15.5	5.3	4	2.9
P33	1103A-33G	N184G	47	30 / 33	24 / 26.4	31.70 / 120	16.5	7.2	5.6	4
P50	1103A-33TG1	N224DS	69	45 / 48	36 / 38.4	31.70 / 120	14.5	10.8	8.2	5.8
P70	1103A-33TG2	N224E	90	60 / 63	48 / 50.4	31.70 / 120	11	14.6	10.8	7.5
P90	1104A-44TG2	N224G	128	81 / 89	64.8 / 71.2	66.04 / 250	17.5	18.7	14	9.7
P110	1104C-44TAG2	N274C	158	100 / 110	80 / 88	66.04 / 250	14.5	22.6	17.1	11.8
P150	1106A-70TG1	N274E	216	135 / 150	108 / 120	77.66 / 294	12.5	30.3	22.7	15.9
P200	1106A-70TAG3	N274G	279	180 / 194	144 / 155.2	108.31 / 410	12.5	41.4	32	20.2

- Perkins engine 50/60 Hz, electronic governor
- Deep Sea DSE6120 manual/auto start control panel
- CE certified
- 12 wire alternator
- Acoustic soundproof enclosure Ral 3002 Red
- Power rated up to 50 degrees C

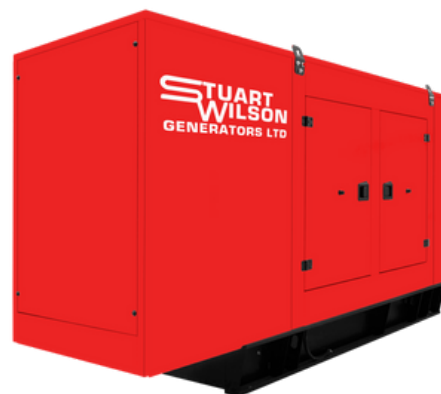


THREE PHASE MODELS - 400/230 Volt, 50Hz (cont)

Model	Perkins	Alternator	Max Amps	Prime/ Standby	Prime/ Standby	Fuel Tank Capacity	Run Time @75%	Fuel Consum. 100% Load	Fuel Consum. 75% Load	Fuel Consum. 50% Load
				kVA	kW	US Gallons /Litres	Hours	Litres/hr	Litres/hr	Litres/hr
P220	1106A-70TAG4	N274H	316	200 / 220	160/176	108.31 / 410	11.5	45.8	34.7	23.1
P250	1206A-E70TTAG2	N274J	360	225 / 250	180/200	153.2 / 580	15	51	38	25.5
P275	1206A-E70TTAG3	N274K	396	250 / 275	200/220	153.2 / 580	11	56.9	51.5	28.1
P300	1506A-E88TAG4	N4D	432	280 / 300	224/240	153.2 / 580	12.5	60.2	45.8	31.6
P340	1506A-E88TAG5	N4ES	489	310 / 340	248/272	216.6 / 820	17	64.9	48.2	33
P385	1706A-E93TAG2	N4F	554	350 / 385	280/308	216.6 / 820	16	67.6	51.2	34.2
P400	2206A-E13TAG2	N4F	576	360 / 400	288/320	301.1 / 1140	21	71	54	37
P450	2206A-E13TAG3	N4FG	648	400 / 450	320/360	301.1 / 1140	13	81	62	42
P500	2506A-E15TAG1	N5C	720	450 / 500	360/400	301.1 / 1140	15.5	95	72	50
P550	2506A-E15TAG2	N5D	792	500 / 550	400/440	301.1 / 1140	15	100	76	53

CANOPY

- Compact structure, low height
- Locking doors
- Sound insulation
- Weatherproof
- High ambient
- Easy access for maintenance
- Integral exhaust silencer
- Two-point lift
- Emergency stop



SPECIFICATIONS

Standard Spec Standard acoustic enclosure finished in a electrostatic primed paint finish

Grade 2 Spec Standard specification with additional galvanised steel

Grade 3 Spec Grade 2 specification with marine grade primer and varnish coated

SINGLE PHASE MODELS - 220 Volt, 50Hz

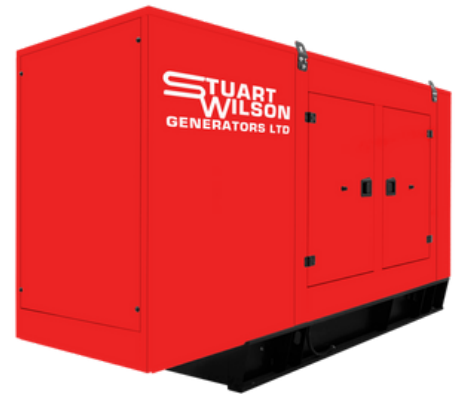
Model	Length	Width	Height	Dry Weight (no fuel)	Sound Level @ 7m
	mm	mm	mm	Kg	dBA
P10S-7	1761	720	1237	609	68
P15S-11	1790	780	1250	515	68
P18S-14	1790	780	1250	515	68
P22S-16	2055	960	1244	720	68
P33S-26	2200	1060	1373	920	69
P50S-33	2200	1060	1373	975	69
P50S-40	2200	1060	1373	975	69

THREE PHASE MODELS - 400/230 Volt, 50Hz

Model	Length	Width	Height	Dry Weight (no fuel)	Sound Level @ 7m
	mm	mm	mm	Kg	dBA
P15	1790	780	1250	515	68
P22	2055	960	1244	720	68
P33	2200	1060	1373	920	69
P50	2200	1060	1373	975	69
P70	2200	1060	1373	1055	70
P90	2785	1160	1805	1330	71
P110	2785	1160	1805	1476	72
P150	3360	1160	1980	1870	72
P200	3360	1160	1980	2096	73

CANOPY

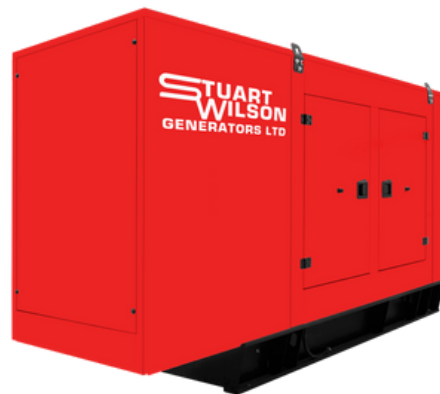
- Compact structure, low height
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- Two-point lift
- Emergency stop



THREE PHASE MODELS - 400/230 Volt, 50Hz

Model	Length	Width	Height	Dry Weight (no fuel)	Sound Level @ 7m
	mm	mm	mm	Kg	dBA
P220	3360	1160	1980	2100	73
P250	3667	1260	2062	2685	75
P275	3667	1260	2062	2685	75
P300	3667	1260	2062	2692	75
P340	4061	1510	2127	3310	75
P385	4061	1510	2127	3310	78
P400	4453	1710	2473	3767	78
P450	4453	1710	2473	3767	78
P500	4453	1710	2473	4840	79
P550	4453	1710	2473	4880	79

- Yanmar engine 50/60 Hz, manual governor
- Deep Sea DSE6120 manual/ auto start control panel
- CE certified
- 12 wire alternator
- Acoustic soundproof enclosure Ral 3002 Red
- Power rated at up to 50 degrees C



SINGLE PHASE MODELS - 220 Volt, 50Hz

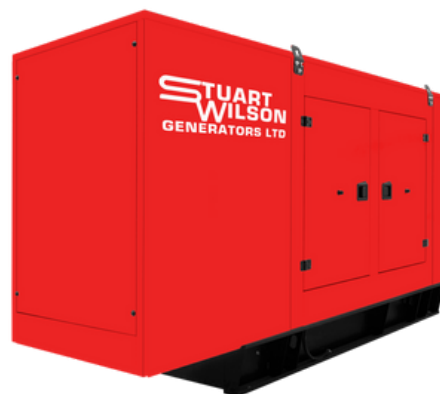
Model	Yanmar	Alternator	Max Amps	Prime/ Standby	Prime/ Standby	Fuel Tank Capacity	Run Time @ 75%	Fuel Consum. 100% Load	Fuel Consum. 75% Load	Fuel Consum. 50% Load
				kVA	kW	US Gallons /Litres	Hours	Litres/hr	Litres/hr	Litres/hr
Y15S-11	3TNV88-GGEA	N184E	60	13 / 14	10.4 / 11.2	16.37 / 62	18	4.9	3.7	2.7
Y22S-16	4TNV88-GGEA	N184G	96	20 / 22	16 / 17.6	16.37 / 62	16.5	4.9	3.7	2.7
Y44S-33	4TNV98-GGEA	N224E	175	37 / 41	29.4 / 32.7	31.70 / 120	21	7.6	5.7	4
Y55S-40	4TNV98T-GGEA	N224 F	217	45 / 50	36 / 40	31.70 / 120	17	9.1	6.9	4.9

THREE PHASE MODELS - 400/230 Volt, 50Hz

Model	Yanmar	Alternator	Max Amps	Prime/ Standby	Prime/ Standby	Fuel Tank Capacity	Run Time @ 75%	Fuel Consum. 100% Load	Fuel Consum. 75% Load	Fuel Consum. 50% Load
				kVA	kW	US Gallons /Litres	Hours	Litres/hr	Litres/hr	Litres/hr
Y15	3TNV88-GGEA	N164C	20	12.9 / 14	10.3 / 11.2	16.37 / 62	18	4.9	3.7	2.7
Y22	4TNV88-GGEA	N184E	31	19.6 / 21.6	15.7 / 17.3	16.37 / 62	16.5	4.9	3.7	2.7
Y44	4TNV98-GGEA	N184G	60	38.1 / 41.9	30.5 / 33.5	31.70 / 120	21	7.6	5.7	4
Y55	4TNV98T-GGEA	N224DS	74	47 / 51.7	37.6 / 41.4	31.70 / 120	17	9.1	6.9	4.9
Y65	4TNV106-GGEA	N224E	89	56 / 62	44.8 / 49.6	31.70 / 120	15.5	10.1	7.5	5.3
Y70	4TNV106T-GGEA	ARK224G	102	64.6 / 71	51.6 / 56.8	31.70 / 120	13.5	12.2	8.7	5.5

CANOPY

- Compact structure, low height
- Locking doors
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SPECIFICATIONS

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SINGLE PHASE MODELS - 220 Volt, 50Hz

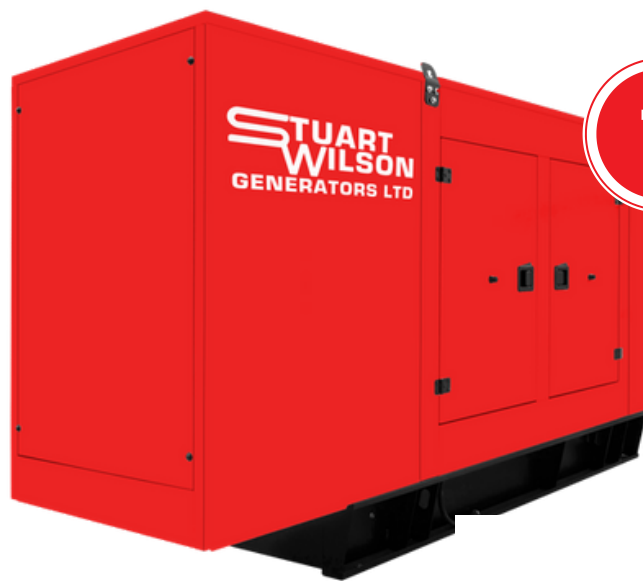
Model	Length	Width	Height	Dry Weight (no fuel)	Sound Level @ 7m
	mm	mm	mm	Kg	dBA
Y15S-11	2055	960	1240	752	71.3
Y22S-16	2055	630	1244	752	71.3
Y44S-33	2200	1060	1373	902	71.6
Y55S-40	2200	1060	1373	972	71.6

THREE PHASE MODELS - 400/230 Volt, 50Hz

Model	Length	Width	Height	Dry Weight (no fuel)	Sound Level @ 7m
	mm	mm	mm	Kg	dBA
Y15	2055	960	1240	752	71.3
Y22	2055	630	1244	752	71.3
Y44	2200	1060	1373	902	71.6
Y55	2200	1060	1373	972	71.6
Y65	2200	1060	1373	972	71.7
Y70	2200	1060	1373	972	71.7

STUART WILSON GENERATORS LTD

www.stuartwilsongenerators.com



CONTAINERISED GENERATOR SETS

Sound-attenuated container enclosures are available for generators from 1,000kVA to 2,500kVA



OPEN GENERATOR SETS

We offer a full range of open sets for installation into existing buildings or bespoke applications

AUTOMATIC TRANSFER SWITCH

We have a full range of ATS panels offering automatic mains failure sensing and generator remote operation when your power fails.
Available from 63-3200 amps

Tel: (246) 432-6336

WhatsApp: (246) 235-5320

sales@stuartwilsongenerators.com

*or 1,000 hours, whichever first
All information correct at time of publication. E&OE