



Powered by:

Perkins
STAMFORD



GENERATING SET PERFORMANCE	50Hz	60Hz
VOLTAGE	V400	
PHASES	Three	
PRIME RATED POWER	2000kVA	
STANDBY RATED POWER	2200kVA	
POWER FACTOR	0.80 PF	
FUEL CONSUMPTION @ 75%	326L/hr	

The POWERGen Group Ltd:



POWERGen Group Ltd

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49 Whiore Avenue
Tauriko
Tauranga

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PO Box 14254
Tauranga Mail Centre
3143 New Zealand

ENGINE	PERKINS	4016-TAG2A
PERFORMANCE	50Hz	60Hz
BASELOAD RATED POWER	1362KWm	
PRIME RATED POWER	1715KWm	
STANDBY RATED POWER	1886KWm	
FUEL CONSUMPTION	208g/KWh @ 100% 207g/KWh @ 75% 215g/KWh @ 50%	
TYPE	Diesel 4 stroke	
ASPIRATION	Turbocharged and air to air charge cooled	
INJECTION TYPE	Direct injection	
ENGINE GOVERNOR	Electronic governing	
CYLINDERS AND ARRANGEMENT	16 Vee	
BORE x STROKE	160 x 190mm	
COMPRESSION RATIO	13.6 : 1	
ELECTRICAL SYSTEM VOLTAGE	24 volt	
BATTERY TYPE	Lead acid, 24V	
DERATING FOR TEMPERATURE	40 deg C	
DERATING FOR ALITUDE	1000mm	
DERATING FOR HUMIDITY	90%	

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POWERGen



POWERServ



POWERPump



POWERGenHire



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ALTERNATOR

STAMFORD

PERFORMANCE	50Hz	60Hz
MODEL	LV 804 W	
BASELOAD RATED POWER 40 deg C	3322kVA	
PRIME RATED POWER 40 deg C	3555kVA	
STANDBY RATED POWER 40 deg C	3800kVA	
STANDBY RATED POWER 27 deg C	3910kVA	
EFFICIENCY	96.5%	
STANDARD WINDING CONNECTIONS	Star Delta	
EXCITER	Separately excited by P.M.G	
POLES	4 poles	
PHASES	3 phases	
WIRES	6 leads	
VOLTAGE REGULATION	+/- 0.5%	
INSULATION CLASS	Class H	
ENCLOSURE	IP23	
MAXIMUM OVERSPEED	150%	
STANDARD AVR MODEL	MA330	
OPTIONAL AVR MODEL	TBA	
DERATING FOR TEMPERATURE	40 deg C	
DERATING FOR ALTITUDE	1000m	

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DIMENSIONS AND CAPACITY

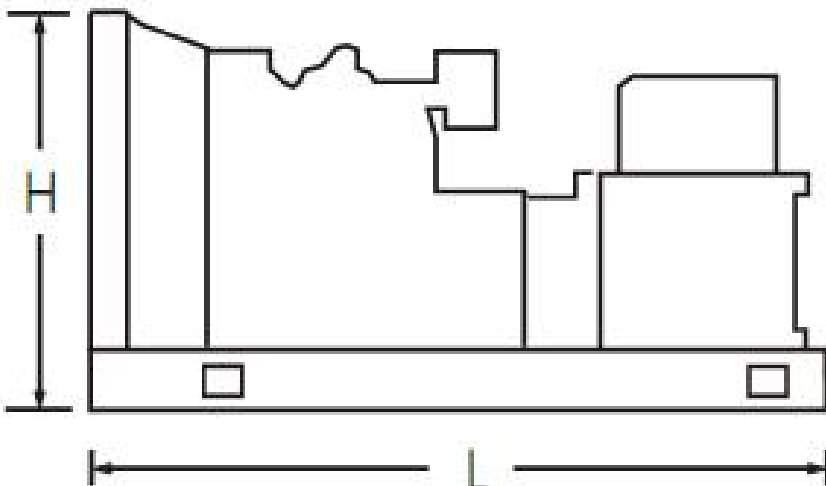
STANDARD MODELS

	INTEGRATED FUEL TANK CAPACITY		WEIGHT	DIMENSIONS		
	STANDARD	OPTIONAL	KG	LENGTH	WIDTH	HEIGHT
OPEN SKID TYPE	N/A	N/A	16950kg	6370mm	2800mm	3520mm

GENERATOR SET EQUIPMENT

STANDARD MODELS

- Heavy duty steel base frame
- Pad type anti- vibration dampers
- Integrated fuel tank, base mounted
- 24V battery
- Key start switch
- Emergency stop button
- Silencer industrial type (open skid type)



The POWERGen Group Ltd:



DSE7320



AUTOMATIC MODELS- EQUIPMENT

4 poles 3200ABB circuit breaker, electronic control unit DeepSea 5320, control panel box key, emergency stop button, water jacket heaters,

AUTOMATIC MODELS- PROTECTORS

Low oil pressure, low fuel level, overload, over/ under frequency, unbalanced load, low voltage, over/ under battery voltage belt breakage, charge alternator fail, Independent earth fault trip.

AUTOMATIC MODELS- INSTRUMENTATION

Voltmeter, ammeter (3 phases), frequency meter, hour meter, battery voltage meter, fuel level

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