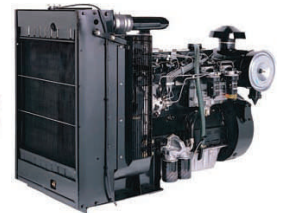




Powered by:

 Perkins®

STAMFORD



GENERATING SET PERFORMANCE	50Hz	60Hz
VOLTAGE	V400	
PHASES	Three	
PRIME RATED POWER	150.0kVA	
STANDBY RATED POWER	165.0kVA	
POWER FACTOR	0.80 PF	
FUEL USAGE @ 75%	31.0 L/hr	

The POWERGen Group Ltd:



CONTACT

Tel: + 64 7 543 1336
 Fax: + 64 7 543 1346
 Toll Free: **0800 679 800**

STREET ADDRESS

49 Whiore Avenue
 Tauriko
 Tauranga

POSTAL ADDRESS

PO Box 14254
 Tauranga Mail Centre
 3143 New Zealand

ENGINE	PERKINS	1006TAG2
PERFORMANCE	50Hz	60Hz
BASELOAD RATED POWER	TBA	
PRIME RATED POWER	129.3KWm	
STANDBY RATED POWER	143.0KWm	
FUEL CONSUMPTION	251g/KWh @ 100% 251g/KWh @ 75% 234g/KWh @ 50%	
TYPE	Diesel 4 stroke	
ASPIRATION	Turbocharged air to air aftercooled	
INJECTION TYPE	Direct injection	
ENGINE GOVERNOR	Electronic governor	
CYLINDERS AND ARRANGEMENT	Six in line	
BORE AND STROKE	100mm x 127mm	
COMPRESSION RATIO	17.0 : 1	
ELECTRICAL SYSTEM VOLTAGE	12 volt	
BATTERY TYPE	Lead acid, 12V	
DERATING FOR TEMPERATURE	40deg C	
DERATING FOR ALTITUDE	1000m	
DERATING FOR HUMIDITY	90%	

The POWERGen Group Ltd:



ALTERNATOR	STAMFORD	
PERFORMANCE	50Hz	60Hz
MODEL	UCI274F	
BASELOAD RATED POWER 40 deg C	145kVA	
PRIME RATED POWER 40 deg C	160kVA	
STANDBY RATED POWER 40 deg C	170kVA	
STANDBY RATED POWER 27 deg C	175kVA	
EFFICIENCY	92%	
STANDARD WING CONNECTIONS	Star Delta	
EXCITER	Self excited	
POLES	4 poles	
PHASES	Three phases	
WIRES	12 leads	
VOLTAGE REGULATION	+/- 1.5%	
INSULATION CLASS	Class H	
ENCLOSURE	IP23	
MAXIMUM OVERSPEED	150%	
STANDARD AVR MODEL	SX460	
OPTIONAL AVR MODEL	MX341 & P.M.G	
DERATING FOR TEMPERATURE	40 deg C	
DERATING FOR ALTITUDE	1000mm	

The POWERGen Group Ltd:





Generator Specification Sheet

DIMENSIONS

DIMENSIONS AND CAPACITY

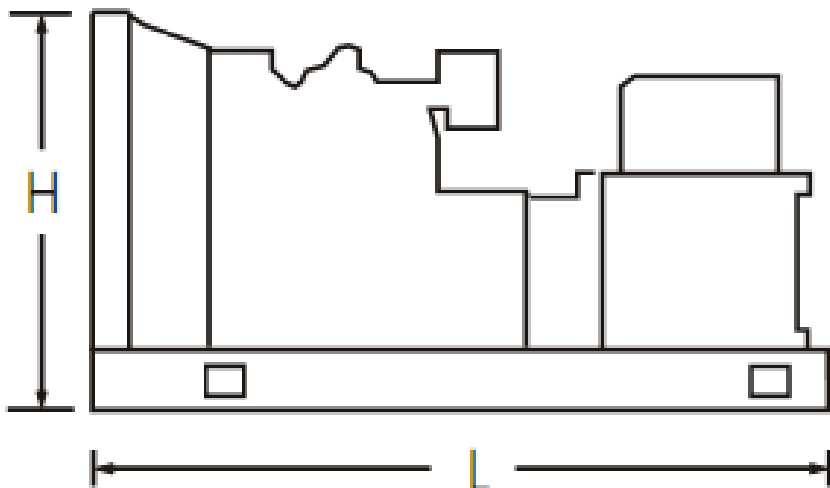
STANDARD MODELS

	INTEGRATED FUEL TANK CAPACITY		WEIGHT	DIMENSIONS		
	STANDARD	OPTIONAL	KG	LENGTH	WIDTH	HEIGHT
OPEN SKID TYPE	140	TBA	1416kg	2565mm	730mm	1575mm

GENERATOR SET EQUIPMENT

STANDARD MODELS

- Heavy duty steel base frame
- Pad type anti- vibration dampers
- Integrated fuel tank, base mounted
- 12V battery
- Key start switch
- Emergency stop button
- Silencer industrial type (open skid type)



The POWERGen Group Ltd:



CONTACT
 Tel: + 64 7 543 1336
 Fax: + 64 7 543 1346
 Toll Free: **0800 679 800**

STREET ADDRESS
 49 Whiore Avenue
 Tauriko
 Tauranga

POSTAL ADDRESS
 PO Box 14254
 Tauranga Mail Centre
 3143 New Zealand



POWER Gen

PREMIUM SERIES GENERATORS

Generator Specification Sheet

CONTROLLER



InteliLite®
AMF 20/AMF 25
Automatic Mains Failure Controller



AUTOMATIC MODELS- EQUIPMENT

4 poles ABB circuit breaker, electronic control unit ComAp AMF25, control panel box key, emergency stop button, water jacket heater,

AUTOMATIC MODELS- PROTECTORS

Low oil pressure, low fuel level, overload, over/ under frequency, low voltage, over/ under battery voltage belt breakage

AUTOMATIC MODELS- INSTRUMENTATION

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

The POWERGen Group Ltd:



POWERGen



POWERServ



POWERPump



POWERGenHire



POWERGen Group Ltd

CONTACT

Tel: + 64 7 543 1336

Fax: + 64 7 543 1346

Toll Free: **0800 679 800**

STREET ADDRESS

49 Whiore Avenue

Tauriko

Tauranga

POSTAL ADDRESS

PO Box 14254

Tauranga Mail Centre

3143 New Zealand