Prime Power	125kW | 156.25kVA	Frequency	60Hz
Standby Power	150kW | 187.5kVA	Speed	1800rpm

Example image only - actual product may differ

Generator Features

◦INTERNATIONAL HARVESTER heavy-duty industrial engine
◦Stamford Alternator
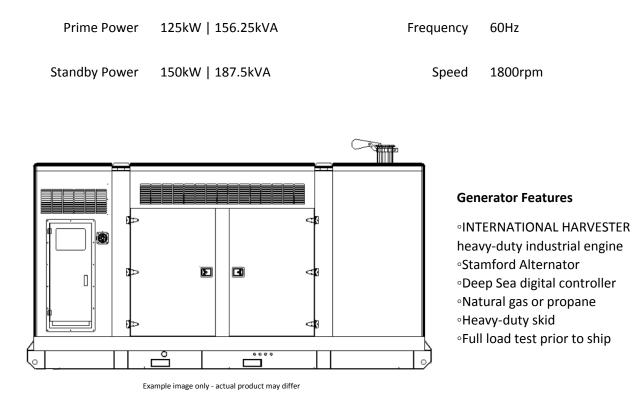◦Deep Sea digital controller
◦Natural gas or propane
◦Heavy-duty skid
◦Full load test prior to ship

A one-year limited warranty covers all systems and components. Two and five year extended warranties are available.

Voltage	Phase	Hertz	Max. Amps Prime	Max. Amps Standby
120/208	3	60	434	520
277/480	3	60	188	226
347/600	3	60	150	180

RATINGS: Standby ratings are continuous for the duration of any power outage. No overload capacity is specified at this rating. Prime ratings are continuous per BS 5514, DIN 6271, ISO-3046, and IEC34-1 with 10% overload capacity one hour in twelve hours. Larger alternators may be used to meet special application requirements.

GENERAL GUIDELINES FOR DERATION: ALTITUDE: Derate 1.5% per 1000 ft. (305 m) elevation above 3300 ft. (1006 m).
TEMPERATURE: Derate 0.5% per 10 F (5.5 C) temperature above 77 F (25 C).

ALTASTREAM reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.

ENGINE

Make / Model	INTERNATIONAL HARVESTER / IH466-TA
Type	In-line, liquid cooled
Aspiration	Turbo, intercooled
Cylinders	6
Displacement / Bore x Stroke	7.9 L (482 cu in.) / 109x136 mm (4.29x5.35 in.)
Compression Ratio	8:5:1
Output Power Standby / Prime	212 hp / 177 hp
Rotation	Counter-clockwise viewed from flywheel
Flywheel Housing	SAE #2

FUEL / IGNITION / ELECTRICAL / COOLING

Carburetor	Impco
Inlet Gas Pipe Size / Pressure	2 in. / 25 PSI. Please inquire for other installations
Ignition	Gill
Starting System	12V
Cooling System	Thermo-controlled w/ belt driven pump and fan

FLUIDS

Oil Pan Capacity	20 L (5.2 USG)
Coolant Capacity	60 L (15.8 USG)
Oil / Coolant Type	15W40 Low Ash / 50% Glycol, 50% Water

FUEL CONSUMPTION (PRIME POWER)

50% Load MBtu/h	850
75% Load MBtu/h	1220
100% Load MBtu/h	1500

EXHAUST SYSTEM	Critical grade w/ flex connector (Standard)
ENCLOSURE OPTIONS	Skin Tight, APEX S2, FPaK, GPaK
NOISE LEVEL	65 dBA @ 7 m (23 ft) w/ enclosure

GENSET DIMENSION / WEIGHT

Open Skid (L x W x H)	2800x1170x1400 mm (110x46x55 in.)
Weight	2090 kg (4607 lb)

ALTERNATOR

Make / Model	Stamford / UCI274F
Ratings (480V)	
150C Standby	170 kWe / 212 kVA
125C Prime	165 kWe / 206 kVA
105C Prime	150 kWe / 187 kVA
Insulation	Class H
Excitation Method	PMG
AVR	MX341
Leads / Winding / Hz / RPM / Phase / PF	12 / 311 / 60 / 1800 / 3 / 0.8
Protection	IP23
Rotor	Single Bearing

CONTROLLER

Make / Model   Deep Sea Electronics / DSE7310

- Reactive power protection
- 4-Line back-lit LCD text display
- Five key menu navigation
- Front panel editing with PIN protection
- Customisable status screens
- Power save mode
- Support for up to three remote display units
- 9 configurable inputs
- 8 configurable outputs
- Flexible sender inputs
- Configurable timers and alarms
- 3 configurable maintenance alarms
- Multiple date and time scheduler
- Configurable event log (250)
- Control logic facilities
- Easy access diagnostic page
- CAN and Magnetic Pick-up/Alt. sensing
- Fuel usage monitor and low fuel alarms
- Charge alternator failure alarm
- Manual speed control (on compatible CAN engines)
- Manual fuel pump control
- Engine exerciser
- "Protections disabled" feature
- kW & kV Ar overload protection

- Reverse power (kW & kV Ar) protection
- LED and LCD alarm indication
- Power monitoring (kW h, kV Ar, kV A h, kV Ar h)
- Load switching (load shedding and dummy load outputs)
- Automatic load transfer (DSE7320)
- Unbalanced load protection
- Independent Earth Fault trip
- True dual mutual standby with load balancing timer
- USB connectivity
- Backed up real time clock
- Fully configurable via DSE Configuration Suite PC software
- Configurable display languages
- Remote SCADA monitoring via DSE Configuration Suite
- User selectable RS232 and RS485 communications
- Configurable Gencomm pages
- Advanced SMS messaging (external modem required)
- Start & stop capability via SMS messaging
- Additional display screens to help with modem diagnostics
- DSENet® expansion compatible
- Integral PLC editor