

DL700M

SCR Generator Set

Land Rig SCR Power

- Designed and built to meet the demanding requirements of the drilling contractor

High Reliability

- Rugged design
- Easy maintenance
- Long service life

Low Operating Cost

- High fuel efficiency
- Long service intervals

Meets Most International Specifications



See back for generator specifications!

STANDARD EQUIPMENT

- EPA Tier 2 non-road certified
- Electronic engine controls
- Generator space heater
- Stator RTDs
- Heavy duty, structural steel base
- Lifting provisions
- Spill containment w/drain connection
- Fuel supply/return connections
- Electric starter 24 VDC
- Batteries, 12V lead calcium (2)
- Battery boxes, polyethylene (2)
- Alternator, engine-mounted
- Dry type air filter, heavy duty
- Service indicator
- Air intake shutoff valve

- Radiator, 122°F (50°C)
- Blower fan, engine belt driven
- Lube oil filters
- Engine mounted oil cooler
- Fuel filters, primary & secondary
- Control Panel, unit-mounted
- Shutdowns and Alarms
 - High Jacket Water Temperature
 - Low Oil Pressure
 - High Oil Temperature
 - Engine Over Speed
 - Engine Failed to Start
- Engine hours meter
- Start/Stop switch
- Emergency Stop switch

OPTIONS

- Generator air filters
- Bearing RTD (1 per)
- Air starting system
- Dual air/electric starting system
- Battery charger, float type
- Exhaust System Silencers
- Rain caps
- Exhaust flexible connections, SS
- Radiator, 131°F (55°C)
- Remote cooling package
- Copon coating
- Lube oil heating system
- Duplex fuel filters
- Fuel/water separator
- Control Panel, remote-mounted



Building For The Next Century

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RATINGS

DRILLING (PRIME) KWE/KVA RATING @ 60 HZ*	687/981
DRILLING (PRIME) KWE/KVA RATING @ 50 HZ*	564/806
RATED VOLTAGE	600/346 VAC
RATED FREQUENCY	60 HZ OR 50 HZ
RATED POWER FACTOR (LAGGING)	0.7

* At voltage, frequency and PF according to ISO 3046/1 conditions.

ENGINE

MANUFACTURER	MTU
MODEL	12V2000
TYPE	4 cycle
FUEL	Diesel
CYLINDERS	V-12
POWER OUTPUT (HP)	1020
SPEED (RATED)	1800 OR 1500 RPM

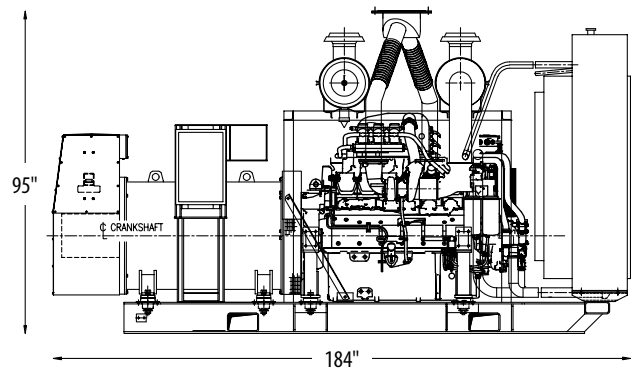
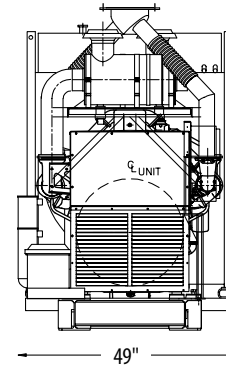
GENERATOR

TYPE	Brushless
POLES	4 pole
STATOR	Form wound
BEARING	Single, sealed
INSULATION	Class H
TEMPERATURE RISE @40 °C	80 °C
VOLTAGE REGULATION	DVR

DIMENSIONS

WEIGHT (APPROX.)	10,200 lbs
L x W x H (IN INCHES)	184 x 49 x 95

All dimensions are in inches and are approximate. Air filters to be shipped loose, max dimensions shown.



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