

DL1600M

Generator Set for Drilling Applications

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

Standard Equipment

- EPA Tier 2 non-road certified
- Electronic engine controls
- Generator space heater
- Stator RTDs
- Heavy duty, structural steel base
- Lifting provisions
- Fuel supply/return connections
- Air starting system
- Batteries, 12V lead calcium (2)
- Battery boxes, polyethylene (2)
- Generator, two-bearing design
- 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 hourmeter
- Start/Stop controls
- Emergency Stop switch

Options

- Generator air filters
- Bearing RTD (1 per)
- Electric starter 24 VDC
- Dual air/electric starting system
- Exhaust 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



See Back For Product Specifications ▶ ▶ ▶ ▶



A Century of Innovation

DL1600M SCR Generator Set

RATINGS	
Drilling (prime) kWe/kVA rating @ 60 Hz*	1633/2041
Rated Voltage	600/346 VAC
Rated Frequency	60 Hz
Rated Power Factor (lagging)	0.7

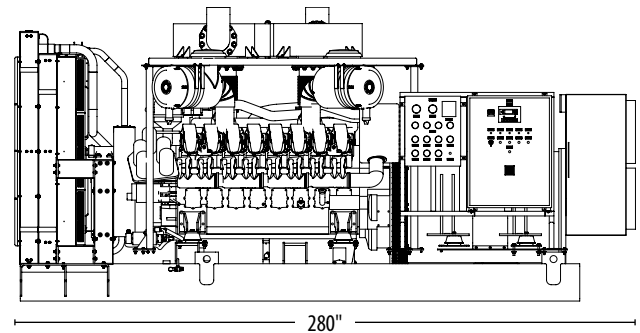
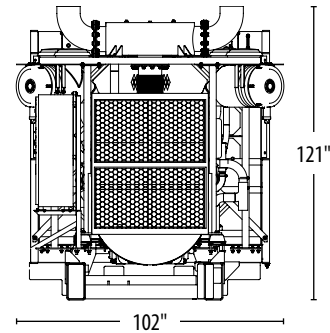
* At voltage, frequency and PF according to ISO 3046/1 conditions.

ENGINE	
Manufacturer	MTU
Model	16V4000
Type	4 cycle
Fuel	Diesel
Cylinders	V-16
Power output (hp)	2425
Speed (rated)	1800 rpm

GENERATOR	
Type	Brushless
Poles	6 pole
Stator	Form wound
Bearing	Dual, sealed
Insulation	Class H
Temperature rise @40 °C	80 °C
Voltage Regulation	DVR

DIMENSIONS	
Weight (approx.)	39,700 lbs
L x W x H (in inches)	280 x 102 x 121

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



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