



## DE2.5 2.5MW Mobile Recip

### Nat Gas Power System

Dynamis' most creative transportation solution, the DE2.5 2.5MW package design utilizes a single laydown trailer for transport and operations. This innovative package design provides greater flexibility for mobilization and demobilization. Dynamis' package provides the capability of deployment in less than 1 hour with a reliable power solution.

### Benefits

- Rapid deployment, installation and commissioning in less than 1 hour
- No mechanical lifts required for mobilization and demobilization
- Low life cycle costs and ease of service
- Accepts fuels; field gas – with processing, CNG, or LNG
- Thousands of systems installations globally
- Experienced Dynamis personnel are able to provide maintenance, operation, troubleshooting and mobilization
- Remote support available 24/7 from Dynamis' Operations Excellence Center

### Features

- Generates up to 2.5MW of power at Low and Medium Voltages
- 97% engine reliability
- Industry benchmark with single trailer transport and operations
- Single 59' laydown trailer design with enclosure
- Ground access and maintenance to major components
- Designed for quick relocation – park to power in less than 1 hr.
- Hydraulic trailer legs for lift and grounding
- Auxiliary equipment integrated on-board trailer
- Integrated air pre-filtration for combustion and ventilation
- Multiple units capable of paralleling and load mgnt.
- EPA mobile non-road spark ignition emissions compliance
- Available in 60hz and 50hz configuration
- Remote connectivity built in and available for diagnostic support, upgrades, etc.
- Optional UPS battery system on board for auxiliary power requirements

# DE2.5 2.5MW Package

The Dynamis DE2.5 recip engine package incorporates state of the art technology which allows customers park to power in <1 hour, based upon a proven mobile trailer design for the harshest of conditions, without after treatment to meet emissions regulations. Integral controls provide multiple unit paralleling with load management and generator on/off control to maximize asset life and maintain the lowest emissions profile of any mobile recip package on the market.

## Enclosure

Designed for quick removal while also providing sound and temperature attenuation. Integrated air pre-filtration for combustion and ventilation system integrity. Strategically designed access doors for ease of component service. Package design meets road height limits while facilitating ground access to components for maintenance.

## Silencer & Radiator

RadiatorCritical grade silencer provides <75bDa exhaust noise. Silencer is cold skinned to reduce surface heat. Radiator package designed for 55°C ambient temperature rating.

## Transportability

TransportabilityA single trailer and enclosure packages the generator set, electrical equipment, controls, silencer and cooling systems, battery UPS and auxiliary equipment required for safe power operations.

Max transportable dimensions  
59' L x 8.5' W x 13.5' H



# Gas Generator Set

The DE2.5 recip gas generator set exhibits a 84,000 hour TBO (time before overhaul) vs. a diesel engine’s 8,000-14,000 hour TBO. This ultra-mobile package is capable of converting field gas, CNG, or LNG into electricity resulting in a 95% fuel cost savings vs diesel.

Recip. Package Rating	50 Hz	60 Hz
ISO Base Rating (MW)	2.535	2.521
Gross Heat Rate (Btu/kWh, LHV)	7.934	7.981
Gross Heat Rate (kJ/kWh,LHV)	8.370	8.417
Gross Efficiency (% LHV)	43.5%	43.5%
Exhaust Temperature (°F)	759	759
Exhaust Temperature (°C)	403	403
Exhaust Energy (MM Btu/hr)	4,067	4,067
Exhaust Energy (MM kJ/hr)	4,290	4290