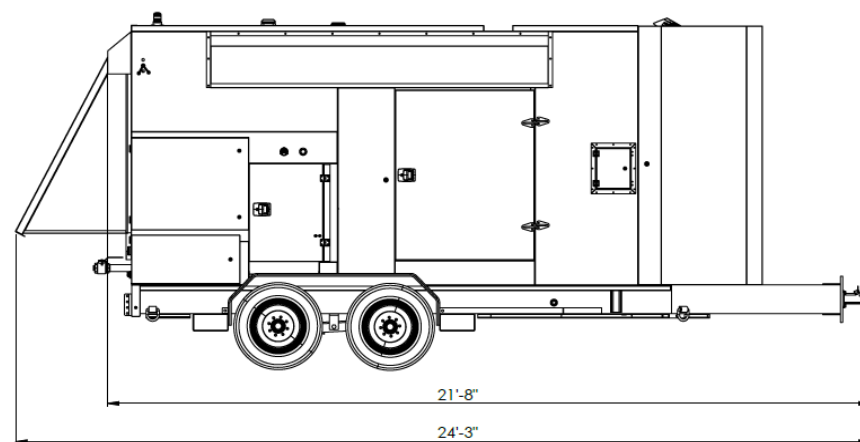
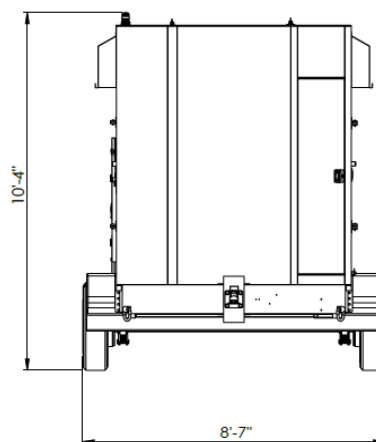




For more information regarding equipment specifications, please reach out to a Mesa sales rep.

## Wiring Configurations

|                       |                  |                  |                  |
|-----------------------|------------------|------------------|------------------|
| Rated Voltage         | 480/277          | 240/139          | 208/120          |
| Winding Configuration | Hi-Wye           | Lo-Wye           | Lo-Wye           |
| Phase                 | 3                | 3                | 3                |
| Prime Power           | 350 kW   438 kVA | 350 kW   438 kVA | 346 kW   433 kVA |
| Rated Amps            | 526              | 1,052            | 1,200            |

## Genset Information

|               |                  |
|---------------|------------------|
| Voltage       | 480 V            |
| Frequency     | 60 HZ            |
| NG PRP Rating | 350 kW   438 kVA |
| LP PRP Rating | 310 kW   388 kVA |
| Wet Weight    | 16,989 lbs       |

## Control System

|                               |               |
|-------------------------------|---------------|
| Controller Type               | DSE 8610 MKII |
| Synchronizing & Load Sharing  | Yes           |
| Telemetry & Remote Monitoring | Yes           |

## Engine Information

|                      |                                |
|----------------------|--------------------------------|
| Model                | PSI 21.9L                      |
| Nameplate Rating     | 434 kW   581 hp                |
| Speed                | 1,800 rpm                      |
| Displacement         | 21.9 L   1,336 in <sup>3</sup> |
| Cylinder Arrangement | 12 Cylinders V-type            |
| Aspiration Mode      | Turbocharged                   |

## Emission Control

|                |     |
|----------------|-----|
| AFR Controller | Yes |
| NSCR Catalyst  | Yes |

## Fuel Consumption\*

| Load % | NG Rating        | LP Rating        |
|--------|------------------|------------------|
| 100%   | 4,174,532 Btu/hr | 3,826,061 Btu/hr |
| 75%    | 3,273,382 Btu/hr | 2,928,679 Btu/hr |
| 50%    | 2,398,244 Btu/hr | 2,143,244 Btu/hr |
| 25%    | 1,549,117 Btu/hr | 1,469,754 Btu/hr |

\* NG: HHV=1,041 Btu/scf (39 MJ/m<sup>3</sup>)

LP: HHV=2,538 Btu/scf (95 MJ/m<sup>3</sup>)

## Alternator

|                      |                   |
|----------------------|-------------------|
| Manufacturer         | Stamford          |
| Model                | S4L1D-G4 Wdg. 311 |
| Rated Power Factor   | 0.8 PF            |
| Rating               | 450 kW   563 kVA  |
| Excitation Type      | PMG               |
| Insulation Class     | Class H           |
| Temp. Rise / Ambient | 125 / 40°C        |
| Enclosure            | IP23              |