

## MEGA SILENT SERIES

Prime 65kW | Standby 71.5kW



ULTRASILENT  
**55**  
dBA  
@ 23 Feet

**79 GALLONS**  
FUEL TANK

**REDUCTION**  
IN FUEL CONSUMPTION

**VSi**  
technology  
COOLING  
SYSTEM

**+130 °F**  
LIMIT AMBIENT  
TEMPERATURE

The FQ series generators by TecnoGen incorporate their Patented **VSi technology**. VSi (*Variable Speed inverter*) technology uses variable speed electric fans to manage the cooling for the generator instead of standard engine driven fans, which steal power from the engine and create excessive noise.

## STANDARD FEATURES ON ALL RENTAL MODELS



- ❖ DEEP SEA CONTROLLER
  - ❖ CAMLOCKS
  - ❖ BLOCK HEATER
  - ❖ BATTERY CHARGER
  - ❖ EXTERNAL FUEL CONNECT
  - ❖ DISTRIBUTION PANEL WITH RECEPTACLES
  - ❖ WATER SEPARATOR FILTER
- Triple sealed doors and 2" insulation throughout.
  - True 120V 20A outlet available in all phases.
  - Control panel, with DSE Controller, laid out and labeled for easy use.



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| KL80 FQ                        |       |                      |
|--------------------------------|-------|----------------------|
| SERIES                         |       | MEGA SILENT          |
| <b>GENERATOR SPECS</b>         |       |                      |
| Prime Power (PRP)              | kW    | 65.0                 |
| Prime Power (PRP)              | kVA   | 81.3                 |
| Standby Power (LTP)            | kW    | 71.5                 |
| Standby Power (LTP)            | kVA   | 89.4                 |
| Rated Power Factor (cos φ)     |       | 0.8                  |
| RPM                            |       | 1800                 |
| Voltage 1PH                    | V     | 240/120V             |
| Voltage 3PH                    | V     | 480/277V<br>208/120V |
| Rated frequency                | Hz    | 60                   |
| Controller brand               |       | Deep Sea             |
| Controller model               |       | DSE7310              |
| Sound Level @23 Feet (no load) | dB    | 55                   |
| <b>AMPS</b>                    |       |                      |
| Single Phase 120V zz           |       | 217 x 2 zz           |
| Single Phase 240V              |       | 217                  |
| Three Phase 208V               |       | 226                  |
| Three Phase 480V               |       | 98                   |
| <b>GENERAL ENGINE DATA</b>     |       |                      |
| Engine brand                   |       | Kohler               |
| Engine model                   |       | KDI3404TCR           |
| <b>EPA LEVEL</b>               |       | <b>TIER4 FINAL</b>   |
| Cylinders                      | no.   | 4                    |
| R.P.M.                         | rpm   | 1800                 |
| Gross horse power              | HP    | 100                  |
| External fuel valve            |       | <b>Yes</b>           |
| Fuel containment               | %     | 110%                 |
| <b>FUEL CONSUMPTION</b>        |       |                      |
| Fuel type                      |       | Diesel               |
| Fuel capacity                  | gal.  | 79                   |
| Fuel cons. at 75% (P.R.P.)     | gal/h | 3.5                  |
| Run time @ 75%                 | gal/h | 22.6                 |
| <b>DEF</b>                     |       |                      |
| DEF tank capacity              | gal.  | 4                    |



### ALTERNATOR DATA

|                       |     |             |
|-----------------------|-----|-------------|
| Alternator brand      |     | Leroy Somer |
| Alternator model      |     | LSA 44.3S3  |
| P.R.P. Power          | kVA | 87          |
| L.T.P. Power          | kVA | 96          |
| IP Protection         |     | 23          |
| Voltage regulator     |     | ±0,25% AREP |
| Short-circuit current |     | 300 %:10s   |

### WEIGHTS AND DIMENSIONS WITH TRAILER

|            |      |      |
|------------|------|------|
| Length     | in.  | 173  |
| Width      | in.  | 74   |
| Height     | in.  | 85   |
| Dry weight |      | 6008 |
| Wet weight | lbs. | 6569 |

### WEIGHTS AND DIMENSIONS WITHOUT TRAILER

|            |      |      |
|------------|------|------|
| Length     | in.  | 102  |
| Width      | in.  | 44   |
| Height     | in.  | 71   |
| Dry weight |      | 4322 |
| Wet weight | lbs. | 4849 |

### NOTICE

Generator is not intended for use in enclosed areas or where free flow of air is restricted. Backfeed to a utility system can cause electrocution and/or property damage. Do not connect to any building's electrical system except through an approved device. Specifications are subject to change without notice.