

| Power Ratings | Standby | | Prime | |
|---------------|---------|-------|-------|-------|
| | kW | kVA | kW | kVA |
| Diesel | 200.0 | 250.0 | 180.0 | 231.0 |

DESCRIPTION:

UQ Power's fully integrated Mobile power generator set, provides optimum performance, reliability and versatility. Efficiency matched heavy duty diesel engine, with an AC Synchronous, brushless, single bearing alternator. All UQ Power mobile generator systems and components are prototyped, assembled and tested within a purpose built packaging, manufacturing, and test facility.

GENERATOR FEATURES:

- Volvo 8L Tier 4f DOC /DEF only engine
- Brush less/PMG Alternator with excellent motor starting performance
- Small footprint 65db-67dba low noise design
- Digital engine generator controller
- Multi voltage switch with 480/277, 120/240 and 120/208
- Buss bar, Cam-Lok, and utility outlets for customer connections
- Heavy gauge, powder coated, lockable, sound attenuated enclosure
- Large capacity dual containment fuel cell with environmental containment basin and 3-way valve for external "Nurse" tank connection
- Single point lift

ENGINE FEATURES:

- Heavy Duty, turbo-charged and inter-cooled diesel engine for maximum efficiency
- EPA T4f with DOC Emission Controls (No DPF!)
- Compact design
- Fuel efficient
- Low Maintenance, up to 500 hour service intervals
- Electronic fuel system and governor system. Maintains isochronous frequency control from no load to full load



| Engine Specifications | |
|----------------------------------|-------------------------|
| Manufacturer | Volvo T4F |
| Model Number | 8.0L--TAD873VE |
| Fuel | Diesel ultra low sulfur |
| Gross Rated Output HP | 280hp @ 1800 rpm |
| Oil Capacity Gallons (liters) | 6.0 (7) |
| Emissions Certification | Tier 4 Final |
| Fuel Tank Capacity - Gallons | 480 |
| Fuel Consumption at Prime Rating | 42 gph |
| 25% Load | 6gph |
| 50% Load | 8 gph |
| 75% Load | 12 gph |
| 100% Load | 15 gph |
| Alternator Specifications: | |
| Alternator Model | UCI 274G |
| Available Voltage | 120/208/240/480 |
| 277/480v 3 phase - amps | 277 |
| 120/208v 3 phase - amps | 648 |
| 120/240v 3 phase - amps | 556 |
| 120/240 1 phase - amps | 366 (Zig Zag) |
| 3 phase voltage selection | 120/208—139/240—277/480 |
| 1 phase voltage selection | 120/240 |

FEATURES & BENEFITS



LARGE CAPACITY GAL FUEL TANK



CONNECTION CAM-LOK STANDARD



REAR CONTROL PANEL WITH MLCB



EASY ACCESS FOR MAINTENANCE



HEAVY DUTY TRAILER



LOCKABLE EXTERNAL FUEL FILL



DEF Tank Location



3 POSITION VOLTAGE SELECTOR SWITCH

DIMENSIONS, WEIGHTS & SOUND LEVELS

GENERATOR SET ENCLOSURE DIMENSIONS * (ALL DIMENSIONS ARE IN INCHES AND ARE APPROXIMATED)

| Length | Width | | Height | | Weight lbs | | | Sound dBA level |
|---------------------|---------------------|--------------------------|---------------------|--------------------------|----------------------|---------------------------|---------------------------|-----------------|
| Enclosure Only (L1) | Enclosure Only (W1) | Enclosure & Trailer (W2) | Enclosure Only (H1) | Enclosure & Trailer (H2) | Enclosure Only (Dry) | Enclosure & Trailer (Dry) | Enclosure & Trailer (Wet) | 67dBA @ 23 ft. |
| 152" | 55" | 80.0" | 81" | 98.0" | 12900 lbs. | 14900 lbs. | 15300 lbs. | |

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