

UQ-POWER

Energy Equipment

UQ POWER RENTAL SERIES GENERATORS

UQ-70: Standby Rating: 70kVA / 56kW Prime Rating: 63 kVA / 51 kW

UQ-80: Standby Rating: 81 kVA / 65kW Prime Rating: 73kVA / 59kW



LARGE CAPACITY FUEL CELL



CUSTOMER CONNECTION PANEL



REAR CONTROL PANEL WITH MLCB



EASY ACCESS FOR MAINTENANCE

GENERATOR FEATURES

- Perkins Tier 3/Flex engine
- Brushless Alternator with PMG motor starting performance
- Digital engine generator controller
- Multi voltage switch with utility power in both 120/240 and 120/208 modes
- Buss bar, Cam-Lok, and utility outlets for customer connections
- 10 gauge, powder coated, lockable, sound attenuated enclosure
- Large capacity dual containment fuel cell with environmental containment basin
- Single point lift
- Available with or without trailer
- Custom branding options available

PERKINS DIESEL ENGINES

- Heavy Duty, 4-cycle, direct Injection, turbo-charged diesel engine for maximum reliability
- EPA FLEX Products (TIER 3 Technology)
- JP-8Compatible
- Fuel efficient
- Heavy duty/Industrial construction
- Electronic fuel system and governor system. Maintains isochronous frequency control from no load to full load

ALTERNATORS

- 105° C PMG alternators for better motor starting

ENGINE/GENERATOR CONTROLS

- Deep Sea Digital Controller Model #7310

| Model | Voltages | Standby kVA/KW | Prime kVA/KW | Engine model | Alternator |
|-------|---------------------|-------------------|-----------------|--------------|------------|
| UQ-70 | 120/208/240/277/480 | 70kva/ 56KW | 63kVA / 51KW | 1104D-44TG1 | SLG224D |
| UQ-80 | 120/208/240/277/480 | 81kVA / 65KW | 73kVA / 59KW | 1104D-E44TG1 | SLG224E |



**3 POSITION VOLTAGE
SELECTOR SWITCH**

| Engine Data | UQ-70 | UQ-80 |
|----------------------------------|---------------|---------------|
| Engine Mfg | PERKINS | PERKINS |
| Model Number | 1104D-44TG1 | 1104D-E44TG1 |
| Fuel | Diesel | Diesel |
| Gross rated output HP | 86 (64kw) | 129 (96kw) |
| Oil Capacity Gallons (liters) | 2.1 (8) | 2.1 (8) |
| Emissions certification | Tier 3 / Flex | Tier 3 / Flex |
| Fuel tank capacity - Gallons | 124 (469) | 124 (469) |
| Fuel consumption at prime rating | 4.3 gph | 4.9 gph |
| 25% load Gph | 1.3 | 1.6 |
| 50% load | 2.1 | 2.8 |
| 75% load | 3.3 | 3.9 |
| 100% load | 4.3 | 4.9 |



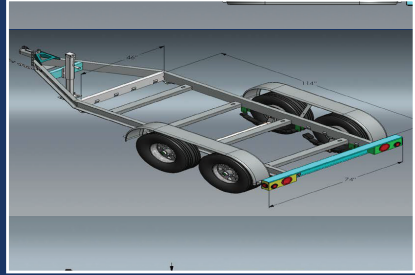
**LOCKABLE EXTERNAL FUEL
FILL**

| Alternator data | UQ-70 | UQ-80 |
|---------------------------|-------------------------|-------------------------|
| Alternator Model | SLG224D | SLG224E |
| Available voltages | 120/208/240/480 | 120/208/240/480 |
| 277/480v 3 phase - amps | 77 | 88 |
| 120/208v 3 phase- amps | 175 | 203 |
| 120/240 3 phase -amps | 153 | 177 |
| 120/240 1 phase -amps | 141 (Zig Zag) | 163 (Zig Zag) |
| 3 phase voltage selection | 120/208—139/240—277/480 | 120/208—139/240—277/480 |
| 1 phase voltage selection | 120/240 | 120/240 |



**CUSTOMER CONNECTION
CAM-LOK STANDARD**

| Enclosure data | UQ-70 | UQ-80 |
|----------------------------------|----------|----------|
| Length - Enclosure only | 111" | 111" |
| Width | 43" | 43" |
| Height | 64" | 64" |
| Weight-dry | 4400LBS | 4400 LBS |
| Length with trailer | 192 | 192 |
| Width with trailer | 76 | 76 |
| Height with trailer | 82 | 82 |
| Weight with trailer | 6050 LBS | 6050 LBS |
| Weight with trailer ready to run | 7170 LBS | 7170 LBS |



HEAVY DUTY TRAILER

| | | |
|--------------------------|-------|-------|
| Sound dBA level @ 23 ft. | 69dBA | 69dBA |
|--------------------------|-------|-------|

Distributed By:

UQ-POWER
Energy Equipment

(800) 760-9598
(209) 227-6586 Fax
P.O. Box 32230
Stockton, CA 95213