





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



REAR CONTROL PANEL WITH MLCB

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



CUSTOMER CONNECTION PANEL



EASY ACCESS FOR MAINTENANCE

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

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				
Alternator data						
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				
Enclosure data						
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				
Sound dBA level @ 23 ft.	69dBA	69dBA				



3 POSITION VOLTAGE SELECTOR SWITCH



LOCKABLE EXTERNAL FUEL FILL



CUSTOMER CONNECTION CAM-LOK STANDARD



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