

# **UQ POWER RENTAL SERIES GENERATORS**

UQ-300: Standby Rating: 312kVA / 250kW Prime Rating: 281 kVA / 225 kW

UQ-375: Standby Rating: 375kVA / 300kW Prime Rating: 340 kVA / 272 kW



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
- Quick Change Link Board with utility power in 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-300	120/208 - 277/480	312kVA / 250KW	281kVA / 225KW	1506D-E87TAG3	SLG314C/PMG
UQ-375	120/208 - 277/480	375 kVA / 300 KW	340kVA / 272KW	2206D-E13TAG2	SLG314D/PMG

Perkins	Engine Data	UQ-300	UQ-375	
Fuel         Diesel         Diesel           Gross rated output HP         373(278kw)         546(407kw)           Oil Capacity Gallons (liters)         11 (40)         11 (40)           Emissions certification         Tier 3 / Flex         Tier 3 / Flex           Fuel tank capacity - Gallons         290 (1096)         290 (1096)           Fuel consumption at prime rating         16.6gph         19.5gph           25% load GPH         5.2         7.3           50% load         8.7         10.7           75% load         12.7         15.0           100% load         18.5         19.5           Alternator data           Alternator Model         SLG314C         SLG314D           Available voltages         120/208/240/480         120/208/240/480           277/480v 3 phase - amps         376         613           120/208 3 phase - amps         867         1411           120/240 1 phase - amps         3         120/208-277/480         120/208-277-480           1 phase voltage selection         NA         NA           Enclosure data         Length - Enclosure only         157"         157"           Width         59"         59"           Height	Engine Mfg	PERKINS	PERKINS	
Gross rated output HP 373(278kw) 546(407kw) Oil Capacity Gallons (liters) 11 (40) 11 (40) Emissions certification Tier 3 / Flex Tier 3 / Flex Fuel tank capacity - Gallons 290 (1096) 290 (1096) Fuel consumption at prime rating 16.6gph 19.5gph 25% load GPH 5.2 7.3 50% load 8.7 10.7 75% load 12.7 15.0 100% load 18.5 19.5  Alternator data  Alternator Model SLG314C SLG314D 120/208/240/480 120/208/240/480 277/480v 3 phase - amps 376 613 120/208v 3 phase - amps 867 1411 120/240 3 phase - amps 867 1411 120/240 1 phase - amps 120/208 - 277/480 120/208-277-480 1 phase voltage selection NA NA  Enclosure data Length - Enclosure only 157" 157" 157" Width 59" 59" 59" Height Height 94" 94" Weight-dry 9800LBS 11440LBS Length with trailer 96" 96" Height with trailer 123" 123" Weight with trailer 123" 123" Weight with trailer 123" 123"	Model Number	1506D-E87TAG3	2206D-E13TAG2	
Oil Capacity Gallons (liters)         11 (40)         11 (40)           Emissions certification         Tier 3 / Flex         Tier 3 / Flex           Fuel tank capacity - Gallons         290 (1096)         290 (1096)           Fuel consumption at prime rating         16.6gph         19.5gph           25% load GPH         5.2         7.3           50% load         8.7         10.7           75% load         12.7         15.0           100% load         18.5         19.5           Alternator Model           Light State of State	Fuel	Diesel	Diesel	
Emissions certification         Tier 3 / Flex         Tier 3 / Flex           Fuel tank capacity - Gallons         290 (1096)         290 (1096)           Fuel consumption at prime rating         16.6gph         19.5gph           25% load GPH         5.2         7.3           50% load         8.7         10.7           75% load         12.7         15.0           100% load         18.5         19.5           Alternator Model           SLG314C         SLG314D           Available voltages         120/208/240/480         120/208/240/480           277/480v 3 phase - amps         376         613           120/208v 3 phase - amps         867         1411           120/208v 3 phase - amps         867         1411           120/2040 1 phase - amps         120/208-277/480         120/208-277-480           1 phase voltage selection         NA         NA           Enclosure data           Length - Enclosure only         157"         157"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         96" </td <td>Gross rated output HP</td> <td>373(278kw)</td> <td>546(407kw)</td>	Gross rated output HP	373(278kw)	546(407kw)	
Fuel tank capacity - Gallons         290 (1096)         290 (1096)           Fuel consumption at prime rating         16.6gph         19.5gph           25% load GPH         5.2         7.3           50% load         8.7         10.7           75% load         12.7         15.0           100% load         18.5         19.5           Alternator data           SLG314C         SLG314D           Available voltages         120/208/240/480         120/208/240/480           277/480 3 phase - amps         376         613           120/208 3 phase - amps         867         1411           120/240 1 phase - amps         120/240 1 phase - amps           3 phase voltage selection         120/208-277/480         120/208-277-480           1 phase voltage selection         NA         NA           Enclosure data           Length - Enclosure only         157"         157"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         96"         96"           Height with trailer         96"         96"	Oil Capacity Gallons (liters)	11 (40)	11 (40)	
Fuel consumption at prime rating         16.6gph         19.5gph           25% load GPH         5.2         7.3           50% load         8.7         10.7           75% load         12.7         15.0           100% load         18.5         19.5           Alternator Model           SLG314C         SLG314D           Available voltages         120/208/240/480         120/208/240/480           277/480v 3 phase - amps         376         613           120/208v 3 phase - amps         867         1411           120/240 1 phase - amps         3 phase voltage selection         120/208-277/480         120/208-277-480           1 phase voltage selection         NA         NA           Enclosure data           Length - Enclosure only         157"         157"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	Emissions certification	Tier 3 / Flex	Tier 3 / Flex	
25% load GPH       5.2       7.3         50% load       8.7       10.7         75% load       12.7       15.0         100% load       18.5       19.5         Alternator data         Alternator Model       SLG314C       SLG314D         Available voltages       120/208/240/480       120/208/240/480         277/480v 3 phase - amps       376       613         120/208v 3 phase - amps       867       1411         120/240 3 phase - amps       867       1411         120/240 1 phase - amps       120/208–277/480       120/208-277-480         1 phase voltage selection       NA       NA         Enclosure data       NA       NA         Length - Enclosure only       157"       157"         Width       59"       59"         Height       94"       94"         Weight-dry       9800LBS       11440LBS         Length with trailer       270"       270"         Width with trailer       96"       96"         Height with trailer       123"       123"         Weight with trailer       13800LBS       15400LBS	Fuel tank capacity - Gallons	290 (1096)	290 (1096)	
50% load         8.7         10.7           75% load         12.7         15.0           100% load         18.5         19.5           Alternator data           Alternator Model         SLG314C         SLG314D           Available voltages         120/208/240/480         120/208/240/480           277/480v 3 phase - amps         376         613           120/208v 3 phase - amps         867         1411           120/240 3 phase - amps         3 phase voltage selection         120/208-277/480         120/208-277-480           1 phase voltage selection         NA         NA         NA           Enclosure data           Length - Enclosure only         157"         157"         157"           Width         59"         59"         59"           Height         94"         94"         94"           Weight-dry         9800LBS         11440LBS         11440LBS           Length with trailer         270"         270"         270"           Weight with trailer         123"         123"         123"           Weight with trailer         13800LBS         15400LBS	Fuel consumption at prime rating	16.6gph	19.5gph	
75% load         12.7         15.0           100% load         18.5         19.5           Alternator data           Alternator Model         SLG314C         SLG314D           Available voltages         120/208/240/480         120/208/240/480           277/480v 3 phase - amps         376         613           120/208v 3 phase - amps         867         1411           120/240 3 phase - amps         120/208-277/480         120/208-277-480           3 phase voltage selection         NA         NA           Enclosure data         Length - Enclosure only         157"         157"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	25% load GPH	5.2	7.3	
Alternator data  Alternator Model SLG314C SLG314D  Available voltages 120/208/240/480 120/208/240/480  277/480v 3 phase - amps 376 613  120/208v 3 phase - amps 867 1411  120/240 3 phase - amps 120/240 1 phase - amps 120/240 1 phase voltage selection 120/208—277/480 120/208-277-480 1 phase voltage selection NA NA  Enclosure data  Length - Enclosure only 157" 157"  Width 59" 59"  Height 94" 94"  Weight-dry 9800LBS 11440LBS  Length with trailer 270" 270"  Width with trailer 96" 96"  Height with trailer 123" 123"  Weight with trailer 123" 15400LBS	50% load	8.7	10.7	
Alternator data       SLG314C       SLG314D         Available voltages       120/208/240/480       120/208/240/480         277/480v 3 phase - amps       376       613         120/208v 3 phase - amps       867       1411         120/240 3 phase - amps       120/208 - 277/480       120/208 - 277-480         3 phase voltage selection       NA       NA         1 phase voltage selection       NA       NA         Enclosure data       157"       157"         Length - Enclosure only       157"       59"         Width       59"       59"         Height       94"       94"         Weight-dry       9800LBS       11440LBS         Length with trailer       270"       270"         Width with trailer       96"       96"         Height with trailer       123"       123"         Weight with trailer       13800LBS       15400LBS	75% load	12.7	15.0	
Alternator Model         SLG314C         SLG314D           Available voltages         120/208/240/480         120/208/240/480           277/480v 3 phase - amps         376         613           120/208v 3 phase - amps         867         1411           120/240 3 phase - amps         120/240 1 phase - amps           3 phase voltage selection         120/208-277/480         120/208-277-480           1 phase voltage selection         NA         NA           Enclosure data         Length - Enclosure only         157"         157"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	100% load	18.5	19.5	
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Available voltages         120/208/240/480         120/208/240/480           277/480v 3 phase - amps         376         613           120/208v 3 phase- amps         867         1411           120/240 3 phase - amps         120/240 1 phase - amps           3 phase voltage selection         120/208-277/480         120/208-277-480           1 phase voltage selection         NA         NA           Enclosure data         Eergth - Enclosure only         157"         157"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS				
277/480v 3 phase - amps       376       613         120/208v 3 phase- amps       867       1411         120/240 3 phase - amps       120/240 1 phase - amps         3 phase voltage selection       120/208-277/480       120/208-277-480         1 phase voltage selection       NA       NA         Enclosure data       Length - Enclosure only       157"       157"         Width       59"       59"         Height       94"       94"         Weight-dry       9800LBS       11440LBS         Length with trailer       270"       270"         Width with trailer       96"       96"         Height with trailer       123"       123"         Weight with trailer       13800LBS       15400LBS	Alternator Model	SLG314C	SLG314D	
120/208v 3 phase- amps       867       1411         120/240 3 phase -amps       120/240 1 phase -amps         3 phase voltage selection       120/208–277/480       120/208-277-480         1 phase voltage selection       NA       NA         Enclosure data       Length - Enclosure only       157"       157"         Width       59"       59"         Height       94"       94"         Weight-dry       9800LBS       11440LBS         Length with trailer       270"       270"         Width with trailer       96"       96"         Height with trailer       123"       123"         Weight with trailer       13800LBS       15400LBS	Available voltages	120/208/240/480	120/208/240/480	
120/240 3 phase – amps       120/240 1 phase – amps         3 phase voltage selection       120/208–277/480       120/208-277-480         1 phase voltage selection       NA       NA         Enclosure data       Length - Enclosure only       157"       157"         Width       59"       59"         Height       94"       94"         Weight-dry       9800LBS       11440LBS         Length with trailer       270"       270"         Width with trailer       96"       96"         Height with trailer       123"       123"         Weight with trailer       13800LBS       15400LBS	277/480v 3 phase - amps	376	613	
120/240 1 phase – amps       120/208–277/480       120/208-277-480         1 phase voltage selection       NA       NA         Enclosure data       Length - Enclosure only       157"       157"         Width       59"       59"         Height       94"       94"         Weight-dry       9800LBS       11440LBS         Length with trailer       270"       270"         Width with trailer       96"       96"         Height with trailer       123"       123"         Weight with trailer       13800LBS       15400LBS	120/208v 3 phase- amps	867	1411	
3 phase voltage selection         120/208—277/480         120/208-277-480           1 phase voltage selection         NA         NA           Enclosure data           Length - Enclosure only         157"         157"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	120/240 3 phase –amps			
1 phase voltage selection         NA         NA           Enclosure data         157"         157"           Length - Enclosure only         157"         59"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	120/240 1 phase –amps			
Enclosure data           Length - Enclosure only         157"         157"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	3 phase voltage selection	120/208—277/480	120/208-277-480	
Length - Enclosure only         157"         157"           Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	1 phase voltage selection	NA	NA	
Width         59"         59"           Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	Enclosure data		_	
Height         94"         94"           Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	Length - Enclosure only	157"	157"	
Weight-dry         9800LBS         11440LBS           Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	Width	59"	59"	
Length with trailer         270"         270"           Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	Height	94"	94"	
Width with trailer         96"         96"           Height with trailer         123"         123"           Weight with trailer         13800LBS         15400LBS	Weight-dry	9800LBS	11440LBS	
Height with trailer123"123"Weight with trailer13800LBS15400LBS	Length with trailer	270"	270"	
Weight with trailer 13800LBS 15400LBS	Width with trailer	96"	96"	
	Height with trailer	123"	123"	
Weight with trailer ready to run 15120LBS 17700LBS	Weight with trailer	13800LBS	15400LBS	
Weight with trailer ready to full 15120LB3 17700LB3	Weight with trailer ready to run	15120LBS	17700LBS	
<b>Sound dBA level @ 23 ft.</b> 72dBA 72dBA	Sound dBA level @ 23 ft.	72dBA	72dBA	



LINK BOARD VOLTAGE SELECTION



LOCKABLE EXTERNAL FUEL
\_\_\_\_\_ FILL



CUSTOMER CONNECTION CAM-LOK STANDARD



HEAVY DUTY TRIPLE AXLE TRAILER

# Distributed By:



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