



Product Catalog

Trane Rental Services

Temporary Power Distribution



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SRV-PRC007J-EN

TRANE
TECHNOLOGIES™



Introduction

Trane Rental Services provides a wide variety of diesel generators for temporary power needs. Some of these temporary power requirements could include:

- Lighting
- Medical equipment
- HVAC equipment

Trane Rental generators are equipped with GPS monitoring that logs information on geographic location, engine run time, service intervals and critical alarms. Customer access to the GPS tracking information is available upon request.

Trane Rental Services offers a variety of ancillary equipment to provide a comprehensive electrical solution: cable, transformers, automatic transfer switches, distribution panels, spider boxes, quad strings, quad boxes, and cable ramps.

Since generators should be chosen based on the particular application, please consult a licensed electrician to determine your exact requirements. Contact Trane Rental Services at 1-800-755-5115 if more information is required on a particular generator. Please call to verify availability of equipment. Equipment is available on a first-come, first-served basis.

Table 1. Generator requirements

Trailer Connection Type	Model	Prime Operation				Standby Operation				Dimensions (Inches) With Trailer			Weight (lb) with Trailer and Fuel	Fuel (Diesel)			Sound Pressure (dBA) Measured at 7 meters				
		kVA	kW	Amps				kVA	kW	Amps				Capacity (gal)	Consumption (gph)	Run Time (hours)					
				240/120V 1Φ	208V 3Φ	240V 3Φ	480V 3Φ			240/120V 1Φ	208V 3Φ	240V 3Φ	480V 3Φ				L	W	H		
3 inch Pintle Tow Hitch	140F4(P)	169	135	2 x 377	467	406	204	188	150	2 x 418	520	451	226	84	91	10,000	225	4.8 / 8.9	63 / 28	73	
	180F3	225	180	2 x 502	625	541	271	250	200	2 x 542	694	601	301	226	84	91	9,593	255	7.8 / 13	32 / 19	70.5
	180F4(P)	225	180	2 x 518	625	541	271	250	200	2 x 558	694	601	301	226	84	91	8,910	255	7.7 / 13.7	33.1 / 18.6	73
	250F4(P)	313	250	2 x 698	870	751	377	344	275	2 x 768	956	827	414	241	84	115	16,140	370	10.3 / 17.9	36 / 20	77
5th Wheel with Air Brakes	350F6	456	365	—	1024	1098	549	500	400	—	1123	1204	602	275	102	133	21,300	520	16.5 / 33.1	31.5 / 15.7	73.9
	450F2(P)	569	455	—	1563	—	678	625	500	—	1737	—	753	282	96	150	33,120	600	18.8 / 34.4	31 / 17	78
	450F3(P)	569	455	—	1581	—	685	625	500	—	1737	—	753	239	96	148	35,380	849	17.6 / 30.4	48 / 28	72
	450F5(P)	569	455	—	1581	—	685	625	500	—	1737	—	753	239	96	148	35,380	849	17.6 / 30.4	48 / 28	72
	900F2(P)	1125	900	—	—	—	1353	1250	1000	—	—	—	1504	370	96	158	46,200	1,073	32.1 / 63.9	33 / 17	79
	900F3(P)	1125	900	—	3123	—	1355	1250	1000	—	3296	—	1503	359	96	160	53,378	1,704	32.1 / 63.9	53 / 26	75
	900F5(P)	1125	900	—	3123	—	1355	1250	1000	—	3296	—	1503	359	96	160	53,378	1,704	32.1 / 63.9	53 / 26	75
	900F6	1137	910	—	2664	2736	1368	1250	1000	—	2963	3043	1503	370	96	162	56,200	1,250	36.8 / 66.6	32.2 / 18.7	78
	1350F5(P)	1688	1350	—	—	—	2036	1875	1500	—	—	—	2255	576	96	160	79,960	1,631	53 / 95	30.8 / 17.2	74



Introduction

Fuel Tank

Trane Rental Services offers auxiliary fuel and DEF tanks that have been designed and manufactured for efficient refueling of equipment and/or transportation of fuel. Full load lifting eyes, forklift pockets and internal baffles allow handling of the tanks; while its double-walled design means any need for spill pans are eliminated as shown in below figure. For more information please see *Trane Rental Services Fuel Tanks Installation, Operation, and Maintenance* (SRV-SVX006*-EN)

Figure 1. Fuel tank



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Revision History

Updated Weights and Dimensions topic in 900F2 Unit Features chapter.



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140F4 Unit Features

Figure 2. Unit 140F4



Controls

- Analog - Gauges
- Digital – Power Command 3.3

Shore Power

- 120V (NEMA #5-15) Battery Charger, Battery Warmer, Oil Heater
- 120V (NEMA #5-15) Coolant Heater

Convenience Outlets

- 2 x 120V Duplex (NEMA #5-20)
- 3 x 240/120V 50A Twistlock (CS6369)

Standard Operating Voltages

- 480 V - 3 Phase (204A)
- 208 V - 3 Phase (470A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Parallel with other Capable Generators to Increase Capacity
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- 60Hz Frequency / 1,800 RPM
- Industrial Grade Tier 4 Cummins Engine
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms
- Panel Backlighting

- Integral Circuit Breaker for Power Connections
- Sound Attenuated Enclosure
- Lockable Access Doors
- ISO Container with Integral Fuel Tank
- Battery Disconnect Switch
- Remote Start Capable
- DOT Highway Approved Trailer - Leveling Jack
 - Running Lights
 - Hydraulic Brakes
 - Double Wall Fuel Tank with 110% Containment

140F4 Unit Specifications

Table 2. Generator specifications

Standby Output 150°C Rise kVA/kW/A		
3 Phase @ 208 V		188 / 150 / 520
3 Phase @ 480 V		188 / 150 / 226
Prime Output 125°C Rise kVA/kW/A		
3 Phase @ 208 V		169 / 135 / 467
3 Phase @ 480 V		169 / 135 / 204
3 Phase Power Factor		0.8
Voltage Regulation		0.5%
Total Harmonic Distortion		5%
Insulation		Class H
Main Circuit Breaker		600 A

Table 3. Engine specifications

Manufacturer	Cummins
Model	QSB7-G9
Cylinders	6
Induction System	Turbocharged, After cooled
Displacement, L (in ³)	6.69 (408)
EPA Emissions Level	Tier 4
Bore and Stroke	4.21 x 4.88
Lubrication Capacity (with filter)	20.8 Quarts
Battery Recommendation (min. cold cranking amps)	2 x 12V, (760A)
dBA @ 7 Meters Full Load	73

Table 4. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	255 gal
DEF Capacity	15 gal
1/2 Load	4.0 / 63
Full Load	9 / 28

Note: DEF consumption less than 4% of fuel consumption.

Table 5. Weights and dimensions

Weight with Fuel	10,000 lbs
Weight without Fuel	8,270 lbs
Dimensions with Trailer (L x W x H) (in.)	226 x 84 x 91

Note: Specifications subject to change without notice.



180F3 Unit Features

Figure 3. Unit 180F3



Controls

- Analog - Gauges
- Digital – Power Command 3.2

Shore Power

- 120V (NEMA #5-15) Battery Charger, Battery Warmer, Oil Heater
- 120V (NEMA #5-15) Coolant Heater

Convenience Outlets

- 2 x 120V Duplex (NEMA #5-20)
- 3 x 240/120V 50A Twistlock (CS6369)

Standard Operating Voltages

- 480 V - 3 Phase (271A)
- 208 V - 3 Phase (625A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Sound Attenuated Enclosure
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- 60Hz Frequency / 1,800 RPM
- Industrial Grade Tier 3 Cummins Engine
- Integral Circuit Breaker for Power Connections
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms

- Panel Backlighting
- Lockable Access Doors
- ISO Container with Integral Fuel Tank
- Battery Disconnect Switch
- Remote Start Capable
- DOT Highway Approved Trailer - Leveling Jack
 - Running Lights
 - Hydraulic Brakes
 - Double Wall Fuel Tank with 110% Containment

180F3 Unit Specifications

Table 6. Generator specifications

Standby Output 150°C Rise kVA/kW/A	
3 Phase @ 208 V	250 / 200 / 694
3 Phase @ 480 V	250 / 200 / 301
Prime Output 125°C Rise kVA/kW/A	
3 Phase @ 208 V	225 / 180 / 625
3 Phase @ 480 V	225 / 180 / 271
3 Phase Power Factor	0.8
Voltage Regulation	0.5%
Total Harmonic Distortion	5%
Insulation	Class H
Main Circuit Breaker	800 A

Table 7. Engine specifications

Manufacturer	Cummins
Model	QSB7-G9
Cylinders	6
Induction System	Turbocharged, After cooled
Displacement, L (in ³)	6.69 (408)
EPA Emissions Level	Tier 3
Bore and Stroke	4.21 x 4.88
Lubrication Capacity (with filter)	18.9 gal
Battery Recommendation (min. cold cranking amps)	2 x 12V, (750A)
dBA @ 7 Meters Full Load	70.5

Table 8. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	255 gal
DEF Capacity	15 gal
1/2 Load	7.8 / 32
Full Load	13 / 19

Note: DEF consumption less than 4% of fuel consumption.

Table 9. Weights and dimensions

Weight with Fuel	9,593 lbs
Weight without Fuel	7,782 lbs
Dimensions with Trailer (L x W x H) (in.)	226 x 84 x 91

Note: Specifications subject to change without notice.



180F4 Unit Features

Figure 4. Unit 180F4



Controls

- Analog - Gauges
- Digital – Power Command 3.3

Shore Power

- 120V (NEMA #5-15) Battery Charger, Battery Warmer, Oil Heater
- 120V (NEMA #5-15) Coolant Heater

Convenience Outlets

- 2 x 120V Duplex (NEMA #5-50)
- 3 x 240/120V 50A Twistlock (CS6369)

Standard Operating Voltages

- 480 V - 3 Phase (271A)
- 208 V - 3 Phase (625A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Sound Attenuated Enclosure
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- Industrial Grade Tier 4 Cummins Motor
- Integral Circuit Breaker for Power Connections
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms
- Panel Backlighting

- Lockable Access Door
- ISO Container with Integral Fuel Tank
- Remote Start Capable
- Extern Fuel and DEF Connections
- Parallel Capable with other Power Command 3.3 Controlled Generators
- DOT Highway Approved Trailer - Leveling Jack
 - Running Lights
 - Hydraulic Brakes
 - Double Wall Fuel Tank with 110% Containment

180F4 Unit Specifications

Table 10. Generator specifications

Standby Output 150°C Rise kVA/kW/A	
3 Phase @ 208 V	250 / 200 / 694
3 Phase @ 480 V	250 / 200 / 301
Prime Output 125°C Rise kVA/kW/A	
3 Phase @ 208 V	225 / 180 / 625
3 Phase @ 480 V	225 / 180 / 201
3 Phase Power Factor	0.8
Voltage Regulation	0.5%
Total Harmonic Distortion	5%
Insulation	Class H
Main Circuit Breaker	800 A

Table 11. Engine specifications

Manufacturer	Cummins
Model	QSB7-G9
Cylinders	6
Induction System	Turbocharged, After cooled
Displacement, L (in ³)	6.69 (408)
EPA Emissions Level	Tier 3
Bore and Stroke	4.21 x 4.88
Lubrication Capacity (with filter)	18.5 quarts
Battery Recommendation (min. cold cranking amps)	2 x 12V, (760A)
dBA @ 7 Meters Full Load	73

Table 12. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	255 gal
1/2 Load	8.1 / 31.5
Full Load	14.9 / 17.1

Note: DEF consumption less than 4% of fuel consumption.

Table 13. Weights and dimensions

Weight with Fuel	10,559 lbs
Weight without Fuel	8,710 lbs
Dimensions with Trailer (L x W x H) (in.)	226 x 84 x 91

Note: Specifications subject to change without notice.



250F4 Unit Features

Figure 5. Unit 250F4



Controls

- Analog - Gauges
- Digital – Power Command 3.3

Shore Power

- 120V (NEMA #5-15) Battery Charger, Battery Warmer, Oil Heater
- 120V (NEMA #5-15) Coolant Heater

Convenience Outlets

- 2 x 120V Duplex (NEMA #5-20)
- 3 x 240/120V 50A Twistlock (CS6369)

Standard Operating Voltages

- 480 V - 3 Phase (271 A)
- 208 V - 3 Phase (870 A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Sound Attenuated Enclosure
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- 60Hz Frequency / 1,800 RPM
- Industrial Grade Tier 4 Cummins Motor
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms

- Panel Backlighting
- Integral Circuit Breaker for Power Connections
- Sound Attenuated Enclosure
- Lockable Access Door
- ISO Container with Integral Fuel Tank
- Remote Start Capable
- DOT Highway Approved Trailer - Leveling Jack
 - Running Lights
 - Hydraulic Brakes
 - Double Wall Fuel Tank with 110% Containment

250F4 Unit Specifications

Table 14. Generator specifications

Standby Output 150°C Rise kVA/kW/A	
3 Phase @ 208 V	344 / 275 / 956
3 Phase @ 480 V	344 / 275 / 414
Prime Output 125°C Rise kVA/kW/A	
3 Phase @ 208 V	313 / 250 / 870
3 Phase @ 480 V	313 / 250 / 377
3 Phase Power Factor	0.8
Voltage Regulation	0.5%
Total Harmonic Distortion	5%
Insulation	Class H
Main Circuit Breaker	1200 A

Table 15. Engine specifications

Manufacturer	Cummins
Model	QSL9-G9
Cylinders	6
Induction System	Turbocharged, After cooled
Displacement, L (in ³)	8.9 (543)
EPA Emissions Level	Tier 4
Bore and Stroke	4.5 x 5.7
Lubrication Capacity (with filter)	7 gal
Battery Recommendation (min. cold cranking amps)	2 x 24V (760A)
dBA @ 7 Meters Full Load	77

Table 16. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	370 gal
DEF Capacity	15 gal
1/2 Load	10.3 / 36
Full Load	17.9 / 20

Note: DEF consumption less than 4% of fuel consumption.



250F4 Unit Features

Table 17. Weights and dimensions

Weight with Fuel	16,140 lbs
Weight without Fuel	13,285 lbs
Weight without Fuel and without Trailer	5,905 lbs
Dimensions with Trailer (L x W x H) (in.)	241 x 84 x 115

Note: Specifications subject to change without notice.



350F6 Unit Features

Figure 6. Unit 350F6



Controls

- Analog - Gauges
- Digital – EMCP 3.2 (CAT)

Shore Power

- 120V 30 Amp - Jacket Water Heater
- 120V 30 Amp - Battery Charger/Generator Space Heater

Convenience Outlets

- (1) 50 Amp 240V Twist Lock Receptacle
- (1) 20 Amp 240V Twist Lock Receptacle
- (2) 20 Amp 120V Twist Lock Receptacle
- (2) 15 Amp 120V GFI Duplex Receptacle³

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Standard Operating Voltages

- 480V - 3 Phase @ 60 Hz (549 A)
- 240V - 3 Phase @ 60 Hz (1098 A)
- 208V - 3 Phase @ 60 Hz (1024 A)
- 400V - 3 Phase @ 50 Hz (659 A)

Additional Specifications

- Sound Attenuated Enclosure
- 50/60-Hz Ratings
- Integral Circuit Breaker for Power Connections
- Fuel Priming System
- Electronic Governor



350F6 Unit Features

- Fuel, Oil, Coolant Alarms
- Panel Backlighting
- Lockable Access Door
- Remote Start Capable
- Extern Fuel Connections
- DOT Highway Approved Trailer
 - Leveling Jack
 - Running Lights
 - Double Wall Fuel Tank with 110% Containment

350F6 Unit Specifications

Table 18. Generator specifications

Standby Output kVA/kW/A	
3 Phase @ 208 V	412 / 330 / 1146
3 Phase @ 480 V	500 / 400 / 602
Prime Output kVA/kW/A	
3 Phase @ 208 V	375 / 300 / 1024
3 Phase @ 480 V	456 / 365 / 549
3 Phase Power Factor	0.8
Voltage Regulation	0.5%
Total Harmonic Distortion	4%
Insulation	Class H
Main Circuit Breaker	1600 A

Table 19. Engine specifications

Manufacturer	CAT
Model	C15
Cylinders	6
Induction System	Turbocharged, After cooled
Displacement, L (in ³)	15.2 L (928)
EPA Emissions Level	Tier 3
Bore and Stroke	5.4 x 6.75
Lubrication Capacity (with filter)	15.8 qt
Sound level dB(A) @ 7 Meters, Full Load	73.9

Table 20. Fuel system specifications

Fuel Consumption 75% Prime Rating GPH/Runtime Hours Per Tank	
75% Prime load	24.8 / 21
Diesel Fuel Capacity	520 gal

Table 21. Weights and dimensions

Weight with Trailer (Dry)	17,530 lbs
Weight without Trailer (Dry)	14,430 lbs
Weight with Trailer with Fuel	21,300 lbs
Weight without Trailer with Fuel	18,200 lbs
Dimensions with Trailer (L x W x H) (in.)	275 x 102 x 132.2
Dimensions without Trailer (L x W x H) (in.)	209 x 61 x 110

Note: Specifications subject to change without notice.



450F2 Unit Features

Figure 7. Unit 450F2



Controls

- Analog - Gauges
- Digital – Power Command 3.2

Trailer

- ISO Container with Fifth Wheel Coupling

Shore Power

- 240/120V (NEMA L14-30) Battery Charger and Block Heater

Convenience Outlets

- None

Standard Operating Voltages

- 480 V - 3 Phase (678 A)
- 208 V - 3 Phase (1563 A)

3 Phase Power Connection Type

- Camlock Connections

Additional Specifications

- Parallel with other Parallel Capable Generators to Increase Capacity
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- 60Hz Frequency / 1,800 RPM
- Industrial Grade Tier 2 Cummins Engine
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms
- Illuminated Control Panel
- Integral Circuit Breaker for Power Connections



450F2 Unit Features

- Sound Attenuated Enclosure
- Lockable Access Doors with Stowaway Stairs
- ISO Container with Integral Fuel Tank
- Battery Disconnect Switch
- Remote Start Capable

450F2 Unit Specifications

Table 22. Generator specifications

Standby Output 150°C Rise kVA/kW/A	
3 Phase @ 208 V	625 / 500 / 1737
3 Phase @ 480 V	625 / 500 / 753
Prime Output 125°C kVA/kW/A	
3 Phase @ 208 V	569 / 455 / 1563
3 Phase @ 480 V	569 / 455 / 678
3 Phase Power Factor	0.8
Voltage Regulation	0.5%
Total Harmonic Distortion	5%
Insulation	Class H
Main Circuit Breaker	2000 A

Table 23. Engine specifications

Manufacturer	Cummins
Model	QSX15-G9
Cylinders	6
Induction System	Turbocharged, After cooled
Displacement, L (in ³)	15 (912)
EPA Emissions Level	Tier 2
Bore and Stroke	5.39 x 6.65
Lubrication Capacity (with filter)	24 gal
Battery Recommendation (min. cold cranking amps)	2 x 24V, 1200A @ 0°F
dBA @ 7 Meters Full Load.	78

Table 24. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	600 gal
1/2 load	18.8 / 31
Full Load	34.4 / 17

Table 25. Weights and dimensions

Weight with Fuel	33,120 lbs
Weight without Fuel	28,920 lbs
Dimensions with Trailer (L x W x H) (in.)	282 x 96 x 150

Note: Specifications subject to change without notice.



450F3 Unit Features

Figure 8. Unit 450F3



Controls

- Analog - Gauges
- Digital – Power Command 3.2

Shore Power

- 120V (NEMA #5-15) Battery Charger, Battery Warmer, Oil Heater
- 120V (NEMA #5-15) Coolant Heater

Convenience Outlets

- None

Standard Operating Voltages

- 480 V - 3 Phase (685A)
- 208 V - 3 Phase (1581A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Parallel with other Parallel Capable Generators to Increase Capacity
- Sound Attenuated Enclosure
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- 60Hz Frequency / 1,800 RPM
- Industrial Grade Tier 3 Cummins Engine
- Integral Circuit Breaker for Power Connections
- Fuel Priming System
- Electronic Governor



450F3 Unit Features

- Fuel, Oil, Coolant Alarms
- Panel Backlighting
- Lockable Access Doors
- ISO Container with Integral Fuel Tank
- Battery Disconnect Switch
- Remote Start Capable
- DOT Highway Approved Trailer - Leveling Jack
 - Running Lights
 - Hydraulic Brakes
 - Double Wall Fuel Tank with 110% Containment

450F3 Unit Specifications

Table 26. Generator specifications

Standby Output 150°C Rise kVA/kW/A		
3 Phase @ 208 V		625 / 500 / 1737
3 Phase @ 480 V		625 / 500 / 753
Prime Output 125°C Rise kVA/kW/A		
3 Phase @ 208 V		569 / 455 / 1581
3 Phase @ 480 V		569 / 455 / 685
3 Phase Power Factor		0.8
Voltage Regulation		0.5%
Total Harmonic Distortion		5%
Insulation		Class F
Main Circuit Breaker		1800 A

Table 27. Engine specifications

Manufacturer	Cummins
Model	QSB15-G9 NR
Cylinders	6
Induction System	Turbocharged, Air to Air charge Air cooling
Displacement, L (in ³)	14.9 (912)
EPA Emissions Level	Tier 2
Bore and Stroke	5.39 x 6.65
Lubrication Capacity (with filter)	22.0 gal
Battery Recommendation (min. cold cranking amps)	2 x 12V, 1235A
dBA @ 7 Meters Full Load.	72

Table 28. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	849 gal
1/2 Load	17.6 / 48
Full Load	30.4 / 28

Table 29. Weights and dimensions

Weight with Fuel	35,380 lbs
Weight without Fuel	29,440 lbs
Dimensions with Trailer (L x W x H) (in.)	239 x 96 x 148

Note: Specifications subject to change without notice.



450F5 Unit Features

Figure 9. Unit 450F5



Controls

- Analog - Gauges
- Digital – Power Command 3.3

Shore Power

- 120V (NEMA #5-15) Battery Charger
- 120V/240VAC (4-Wire Terminal Blocks) Coolant Heater

Convenience Outlets

- None

Standard Operating Voltages

- 480 V - 3 Phase (685A)
- 208 V - 3 Phase (1581A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Sound Attenuated Enclosure
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- Industrial Grade Tier 2 Cummins Engine
- Integral Circuit Breaker for Power Connections
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms
- Panel Backlighting



450F5 Unit Features

- Lockable Access Doors
- ISO Container with Integral Fuel Tank
- Remote Start Capable
- Extern Fuel and DEF connections
- Parallel Capable with other Power Command 3.3 Controlled Generators
- DOT Highway Approved Trailer - Leveling Jack
 - Running Lights
 - Hydraulic Brakes
 - Double Wall Fuel Tank with 110% Containment

450F5 Unit Specifications

Table 30. Generator specifications

Standby Output 150°C Rise kVA/kW/A	
3 Phase @ 208 V	625 / 500 / 1737
3 Phase @ 480 V	250 / 500 / 753
Prime Output 125°C Rise kVA/kW/A	
3 Phase @ 208 V	569 / 455 / 1581
3 Phase @ 480 V	569 / 455 / 685
3 Phase Power Factor	0.8
Voltage Regulation	0.5%
Total Harmonic Distortion	5%
Insulation	Class H
Main Circuit Breaker	1800 A

Table 31. Engine specifications

Manufacturer	Cummins
Model	QSX15-G9 NR
Cylinders	6
Induction System	Turbocharged, After Cooled
Displacement, L (in ³)	14.9 (912)
EPA Emissions Level	Tier 2
Bore and Stroke	5.39 x 6.65
Lubrication Capacity (with filter)	88 Quarts
Battery Recommendation (min. cold cranking amps)	2 x 12V, (1235A)
dBA @ 7 Meters Full Load.	72

Table 32. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	894 gal
1/2 Load	17.6 gph / 48 hrs
Full Load	30.4 gph/28 hrs

Table 33. Weights and dimensions

Weight with Fuel	38,380 lbs
Weight without Fuel	29,440 lbs
Dimensions with Trailer (L x W x H) (in.)	239 x 96 x 148

Note: Specifications subject to change without notice.



900F2 Unit Features

Figure 10. Unit 900F2



Controls

- Analog - Gauges
- Digital – Power Command 3.2

Trailer

- ISO Container with Fifth Wheel Coupling

Shore Power

- 240/120V 50A Twistlock (CS6365C) Battery Charger and Block

Convenience Outlets

- None

Standard Operating Voltages

- 480 V - 3 Phase (1504A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Parallel with other Parallel Capable Generators to Increase Capacity
- 0.25% Voltage Regulation
- Brushless Generator with PMG
- 60Hz Frequency / 1,800 RPM
- Industrial Grade Tier 2 Cummins engine
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms
- Illuminated Control Panel
- Integral Circuit Breaker for Power Connections
- Sound Attenuated Enclosure
- Lockable Access Doors with Stowaway Stairs
- ISO Container with Integral Fuel Tank



900F2 Unit Features

- Battery Disconnect Switch
- Remote Start Capable

900F2 Unit Specifications

Table 34. Generator specifications

Standby Output 150°C Rise kVA/kW/A	
3 Phase @ 480 V	1,250 / 1,000 / 1,504
Prime Output 125°C Rise kVA/kW/A	
3 Phase @ 480 V	1,125 / 900 / 1,353
3 Phase Power Factor	0.8
Voltage Regulation	0.25%
Total Harmonic Distortion	5%
Insulation	Class H
Main Circuit Breaker	2,000 A

Table 35. Engine specifications

Manufacturer	Cummins
Model	QST30-G5 NR2
Cylinders	12
Induction System	Turbocharged, After Cooled
Displacement, L (in ³)	30.5 (1860)
EPA Emissions Level	Tier 2
Bore and Stroke	5.51 x 6.5
Lubrication Capacity (with filter)	140 qt
Battery Recommendation (min. cold cranking amps)	2 x 24V, 1200A @ 32°F
dBA @ 7 Meters Full Load.	79

Table 36. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	1073 gal
1/2 Load	32.1 / 33
Full Load	63.9 / 17

Table 37. Weights and dimensions

Weight with Fuel	46,200 lbs
Weight without Fuel	39,200 lbs
Dimensions with Trailer (L x W x H) (in.)	370 x 96 x 158



900F3 Unit Features

Figure 11. Unit 900F3



Controls

- Analog - Gauges
- Digital – Power Command 3.2

Shore Power

- 120V (NEMA #5-15) Battery Charger

Convenience Outlets

- None

Standard Operating Voltages

- 480 V - 3 Phase (1355A)
- 208 V - 3 Phase (3123A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Parallel with other Parallel Capable Generators to Increase Capacity
- Sound Attenuated Enclosure
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- 60Hz Frequency / 1,800 RPM
- Industrial Grade Tier 2 Cummins Engine
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms
- Panel Backlighting
- Integral Circuit Breaker for Power Connections
- Lockable Access Doors
- ISO Container with Integral Fuel Tank
- Battery Disconnect Switch



900F3 Unit Features

- Remote Start Capable
- DOT Highway Approved Trailer
 - Leveling Jack
 - Running Lights
 - Hydraulic Brakes
 - Double Wall Fuel Tank with 110% Containment

900F3 Unit Specifications

Table 38. Generator specifications

Standby Output 150°C Rise kVA/kW/A	
3 Phase @ 208 V	1250 / 1000 / 3296
3 Phase @ 480 V	1250 / 1000 / 1503
Prime Output 105°C Rise kVA/kW/A	
3 Phase @ 208 V	1125 / 900 / 3123
3 Phase @ 480 V	112 / 90 / 1355
3 Phase Power Factor	0.8
Voltage Regulation	0.5%
Total Harmonic Distortion	5%
Insulation	Class H
Main Circuit Breaker	3000 A

Table 39. Engine specifications

Manufacturer	Cummins
Model	QST30-G5
Cylinders	12
Induction System	Turbocharged, After cooled
Displacement, L (in ³)	30.5 (1860)
EPA Emissions Level	Tier 2
Bore and Stroke	5.51 x 6.5
Lubrication Capacity (with filter)	40.6 gal
Battery Recommendation (min. cold cranking amps)	4 x 12V (1200A @ 0°F and 1500A @ 32°F)
dBA @ 7 Meters Full Load	75

Table 40. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	1704 gal
1/2 Load	32.1 / 53
Full Load	63.9 / 26

Table 41. Weights and dimensions

Weight with Fuel	53,378 lbs
Weight without Fuel	41,280 lbs
Dimensions with Trailer (L x W x H) (in.)	359 x 96 x 160

Note: Specifications subject to change without notice.



900F5 Unit Features

Figure 12. Unit 900F5



Controls

- Analog - Gauges
- Digital – Power Command 3.3

Shore Power

- 120V (Nema #5-15) Battery Charger
- 120V/240Vac (4-Wire Terminal Blocks) Coolant Heater

Convenience Outlets

- None

Standard Operating Voltages

- 480 V - 3 Phase (1355A)
- 208 V - 3 Phase (3123A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Sound Attenuated Enclosure
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- Industrial Grade Tier 2 Cummins Motor
- Integral Circuit Breaker for Power Connections
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms
- Panel Backlighting
- Lockable Access Door



900F5 Unit Features

- ISO Container with Integral Fuel Tank
- Remote Start Capable
- Extern Fuel and DEF Connections
- Parallel Capable with other Power Command 3.3 Controlled Generators
- DOT Highway Approved Trailer
 - Leveling Jack
 - Running Lights
 - Hydraulic Brakes
 - Double Wall Fuel Tank with 110% Containment

900F5 Unit Specifications

Table 42. Generator specifications

Standby Output 150°C Rise kVA/kW/A	
3 Phase @ 208 V	1250 / 1000 / 3296
3 Phase @ 480 V	1250 / 1000 / 1503
Prime Output 125°C Rise kVA/kW/A	
3 Phase @ 208 V	1125 / 900 / 3123
3 Phase @ 480 V	112 / 900 / 1355
3 Phase Power Factor	0.8
Voltage Regulation	0.5%
Total Harmonic Distortion	5%
Insulation	Class H
Main Circuit Breaker	3000 A

Table 43. Engine specifications

Manufacturer	Cummins
Model	QST30-G5
Cylinders	12
Induction System	Turbocharged, After-Cooled
Displacement, L (in ³)	30.5 (1860)
EPA Emissions Level	Tier 2
Bore and Stroke	5.51 x 6.5
Lubrication Capacity (with filter)	162.4 quarts
Battery Recommendation (min. cold cranking amps)	4 x 12V, (1250A)
dBA @ 7 Meters Full Load.	75

Table 44. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	1704 gal
1/2 Load	32.1 / 53
Full Load	63.9 / 26

Table 45. Weights and dimensions

Weight with Fuel	53,378 lbs
Weight without Fuel	41,280 lbs
Dimensions with Trailer (L x W x H) (in.)	359 x 96 x 160

Note: Specifications subject to change without notice.



900F6 Unit Features

Figure 13. Unit 900F6



Controls

- Analog - Gauges
- Digital - EMCP 4.4 (CAT)

Shore Power

- 120V/240Vac 100 Amp (4-Wire Terminal Blocks)
 - Jack Water Heater
 - Battery Charger
 - Condensate Heaters
 - Fuel Transfer System

Convenience Outlets

- 120V Service Receptacle

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Standard Operating Voltages

- 480 V @ 60 Hz (1368A)
- 240 V @ 60 Hz (2736A)
- 208 V @ 60 Hz (2664A)
- 400 V @ 50 Hz (1443A)

Additional Specifications

- Sound Attenuated Enclosure
- 0.5% Voltage Regulation
- Industrial Grade Tier 2 Caterpillar Motor
- Integral 300 Amp Electrically Operated Circuit Breaker



900F6 Unit Features

- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms
- Panel Backlighting
- Lockable Access Door(s)
- ISO Container with Integral Fuel Tank
- Remote Start Capable
- External Fuel Connections
- Integral Fuel Transfer Pump
- Parallel Capable with other CAT ECMP 4.4 Control Panels
- DOT Highway Approved Trailer with Hydraulic Brakes
 - Leveling Jack
 - Running Lights
 - Double Wall Fuel Tank with 110% Containment

900F6 Unit Specifications

Table 46. Generator specifications

Standby Output kVA/kW/A		
3 Phase @ 208 V		1067 / 854 / 2963
3 Phase @ 480 V		1250 / 1000 / 1503
Prime Output kVA/kW/A		
3 Phase @ 208 V		960 / 768 / 2664
3 Phase @ 480 V		1137 / 910 / 1368
3 Phase Power Factor		0.8
Voltage Regulation		0.5%
Total Harmonic Distortion		5%
Insulation		Class H
Main Circuit Breaker		3000 A

Table 47. Engine specifications

Manufacturer	Caterpillar
Model	C32
Cylinders	12
Induction System	Turbocharged, After cooled
Displacement, L (in ³)	32.1 (1959)
EPA Emissions Level	Tier 2
Bore and Stroke	5.71 x 6.38
Lubrication Capacity (with filter)	26.2 gal
dBA @15 Meters Full Load	78

Table 48. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Run Time Per Tank		
Diesel Fuel Capacity		36.8 / 34
1/2 Load		66.6 / 18.8
Full Load		1,250 gal

Table 49. Weights and dimensions

Weight with Fuel	56,200 lbs
Weight without Fuel	47,300 lbs
Dimensions with Trailer (L x W x H) (in.)	370 x 96 x 162

Note: Specifications subject to change without notice.



1350F5 Unit Features

Figure 14. Unit 1350F5



Controls

- Analog - Gauges
- Digital - Power Command 3.3

Shore Power

- 120V (Nema #5-15) Battery Charger
- 120V/240Vac (4-Wire Terminal Blocks) Coolant Heater

Convenience Outlets

- None

Standard Operating Voltages

- 480 V - 3 Phase (2036A)

3 Phase Power Connection Type

- Camlock Connections
- Busbars

Additional Specifications

- Sound Attenuated Enclosure
- 0.5% Voltage Regulation
- Separate Three-Phase PMG for Fast Recovery from Block Loads and Motor Starting
- Industrial Grade Tier 2 Cummins Motor
- Integral Circuit Breaker for Power Connections
- Fuel Priming System
- Electronic Governor
- Fuel, Oil, Coolant Alarms
- Panel Backlighting
- Lockable Access Door
- ISO Container with Integral Fuel Tank
- Remote Start Capable
- Extern Fuel and DEF connections
- Parallel Capable with other Power Command 3.3 Controlled Generators
- DOT Highway Approved Trailer
 - Leveling Jack
 - Running Lights
 - Hydraulic Brakes
 - Double Wall Fuel Tank with 110% Containment

1350F5 Unit Specifications

Table 50. Generator specifications

Standby Output 150°C Rise kVA/kW/A	
3 Phase @ 480 V	1875 / 1500 / 2255
Prime Output 125°C Rise kVA/kW/A	
3 Phase @ 480 V	1688 / 1350 / 2036
3 Phase Power Factor	0.8
Voltage Regulation	0.5%
Total Harmonic Distortion	5%
Insulation	Class H
Main Circuit Breaker	2500 A

Table 51. Engine specifications

Manufacturer	Cummins
Model	QSK50-G4
Cylinders	16
Induction System	Turbocharged, After cooled
Displacement, L (in ³)	50.3 (3067)
EPA Emissions Level	Tier 2
Bore and Stroke	6.25 x 6.25
Lubrication Capacity (with filter)	248 quarts
Battery Recommendation (min. cold cranking amps)	4 x 12V, (1250A)
dBa @ 7 Meters Full Load	74

Table 52. Fuel system specifications

Fuel Consumption Standby Rating GPH/Runtime Hours Per Tank	
Diesel Fuel Capacity	1631 gal
1/2 Load	29 / 56
Full Load	95 / 17

Table 53. Weights and dimensions

Weight with Fuel	79,960 lbs
Weight without Fuel	68,440 lbs
Dimensions with Trailer (L x W x H) (in.)	576 x 96 x 160

Note: Specifications subject to change without notice.



Notes

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