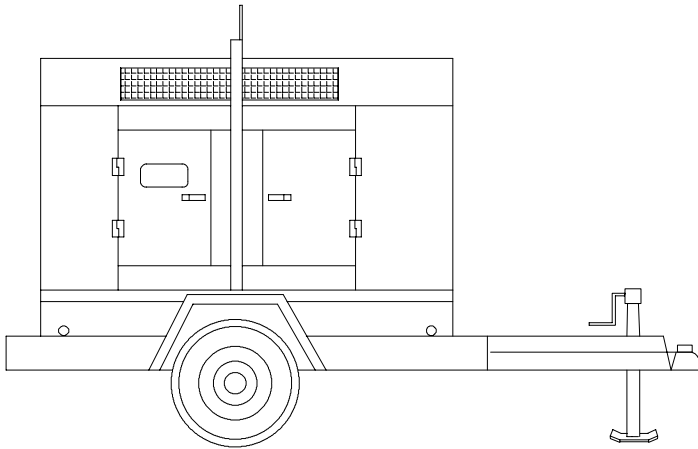


Models: 20–180 kW

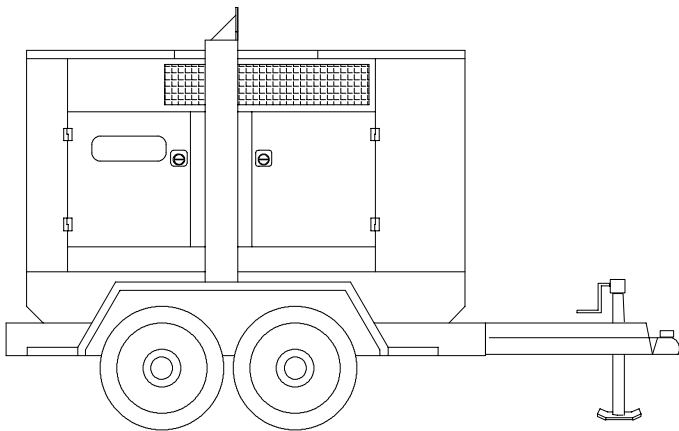
KOHLER RENTAL POWER

Diesel

ISO 9001
KOHLER
GENERATORS
INTERNATIONALLY REGISTERED



20EORZ Model



50/100REOZJN and 180ROZJN Models

Industrial Rental Trailer-Mounted Generator Sets

- Kohler Rental Power provides one-source responsibility for the generating system and accessories.
- Generator set features:
 - Durable aluminum weather housing
 - Electrical power panel with single-phase receptacles (except 600 volt) and line circuit breaker
 - Models available with internal/external fuel tanks with low fuel shutdown (50–180 kW)
 - Lockable generator output voltage selector switch installed and wired (except 600 volt)
 - Single-point lifting eye and eight-point tie down and lift rings (50–180 kW)
 - Additional engine and generator specifications listed on the respective generator set model's spec sheet
- Trailer features:
 - Fire extinguisher and work lights with timer
 - Interchangeable 2 5/16 in. ball hitch or pintle ring/Lunette eye configuration (50–180 kW)
 - Leveling jack, 4536 kg (10,000 lb.) rated
 - Lockable weather housing doors and tool box
 - Running lights with wiring harness/connector
 - Spare tire and lug nut wrench (50–180 kW)
 - Surge or electric brake system
- Engine features:
 - Battery, battery rack, and battery cables
 - Battery charger (50–180 kW)
 - Electronic governor
 - Engine block heater (50–180 kW)
 - Exhaust silencer with flex exhaust connector

Trailer-Mounted Generator Set Specifications

Generator Set Model	Length* mm (in.)	Width† mm (in.)	Height‡ mm (in.)	Trailer Weight kg (lb.)	Generator Set and Enclosure Weight, kg (lb.)	Gross Weight kg (lb.)§	Fuel Tank(s) Internal only L (gal.)	Fuel Tank(s) Internal/External L (gals.)**
20EORZ	3683 (145)	1880 (74)	2076 (82)	308 (680)	744 (1640)	1052 (2320)	95 (25)	95 (25)/—
50REOZDN	4724 (186)	2413 (95)	2515 (99)	590 (1300)	2214 (4880)	2803 (6180)	416 (110)	182 (48)/587 (155)
100REOZDN	5239 (206)	2413 (95)	3073 (121)	617 (1360)	2767 (6100)	3384 (7460)	526 (139)	257 (68)/587 (155)
180ROZDN	5239 (206)	2413 (95)	3073 (121)	658 (1450)	3697 (8150)	4355 (9600)	526 (139)	257 (68)/587 (155)

* Length includes trailer tongue.

† Width includes trailer fenders.

‡ Height includes generator set weather housing.

§ Gross weight includes trailer, generator set, weather housing, and fuel tank(s) with no fuel.

|| Unit identification numbers 50038 and above (50ROZDN), 100033 and above (100REOZDN), and 180048 and above (180ROZDN).

** Unit identification numbers below 50038 (50ROZDN), below 100033 (100REOZDN), and below 180048 (180ROZDN).

Generator Set Specifications

Generator Set Model	Engine	Generator Model	Standby Rating							
			240 Volt, 1 Phase		208 Volt, 3 Phase		480 Volt, 3 Phase		600 Volt, 3 Phase	
			Amps	kW/kVA	Amps	kW/kVA	Amps	kW/kVA	Amps	kW/kVA
20EORZ	Yanmar	4J7	83	20/20	70	20/25	30	20/25	N/A	N/A
50REOZJN	John Deere	4P8	204	49/49	191	55/69	83	55/69	N/A	N/A
100REOZJN	John Deere	4S9	333	80/80	347	100/125	158	105/131	N/A	N/A
180ROZJN	John Deere	4UA7	542	130/130	625	180/225	271	180/225	210	175/219

Generator Set Model	Engine	Generator Model	Fuel Consumption Lph (gph)				Sound Level dBA with No Load at 7 m (21 ft.)
			25% Load	50% Load	75% Load	100% Load	
20EORZ	Yanmar	4J7	2.3 (0.6)	3.4 (0.9)	4.8 (1.3)	6.3 (1.7)	58
50REOZJN	John Deere	4P8	6.1 (1.6)	9.5 (2.5)	12.9 (3.4)	16.7 (4.4)	60
100REOZJN	John Deere	4S9	9.8 (2.6)	16.7 (4.4)	23.1 (6.1)	29.9 (7.9)	62
180ROZJN	John Deere	4UA7	15.9 (4.2)	26.5 (7.0)	38.6 (10.2)	51.9 (13.7)	64

N/A Not available

Notes: Other voltages are available using selector switch and voltage adjustment potentiometer/switch. See the available voltage choices below.

The 600-volt models do not have selector switches and are not reconnectable.

See the respective spec sheets for specifications not shown. See the Additional Literature table for generator set and controller spec sheet part numbers.

Electrical Power Panel Specifications

Voltage Selector Switch Models

Generator Model	120 Volt Duplex Receptacles†† Qty., Amp	240 Volt Twistlock‡‡ Qty., Amp	Load Lug Connections	Load Lug Circuit Breakers, Amp	Available Selector Switch Voltages	Reverse Receptacles for Battery Charger and Block Heater	Remote Start Capability
20EORZ	2 (20)	1 (30)	#14-2/0	70 (208-240 Volt) 30 (480 Volt)	120/208 V, 3 Ph, 60 Hz 120/240 V, 3 Ph, 60 Hz	Not Available	Yes
50REOZJN	4 (20)	1 (30)	(2) #6-4/0	200 (208-240 Volt) 80 (480 Volt)	127/220 V, 3 Ph, 60 Hz 277/480 V, 3 Ph, 60 Hz	Yes	
100REOZJN	4 (20)	1 (30)	(2) #6-350 MCM	350 (208-240 Volt) 150 (480 Volt)	240/416 V, 3 Ph, 60 Hz 220/380 V, 3 Ph, 60 Hz		
180ROZJN	4 (20)	1 (30)	(2) #6-350 MCM	600 (208-240 Volt) 300 (480 Volt)	120/240 V, 1 Ph, 60 Hz 115/230 V, 1 Ph, 60 Hz		

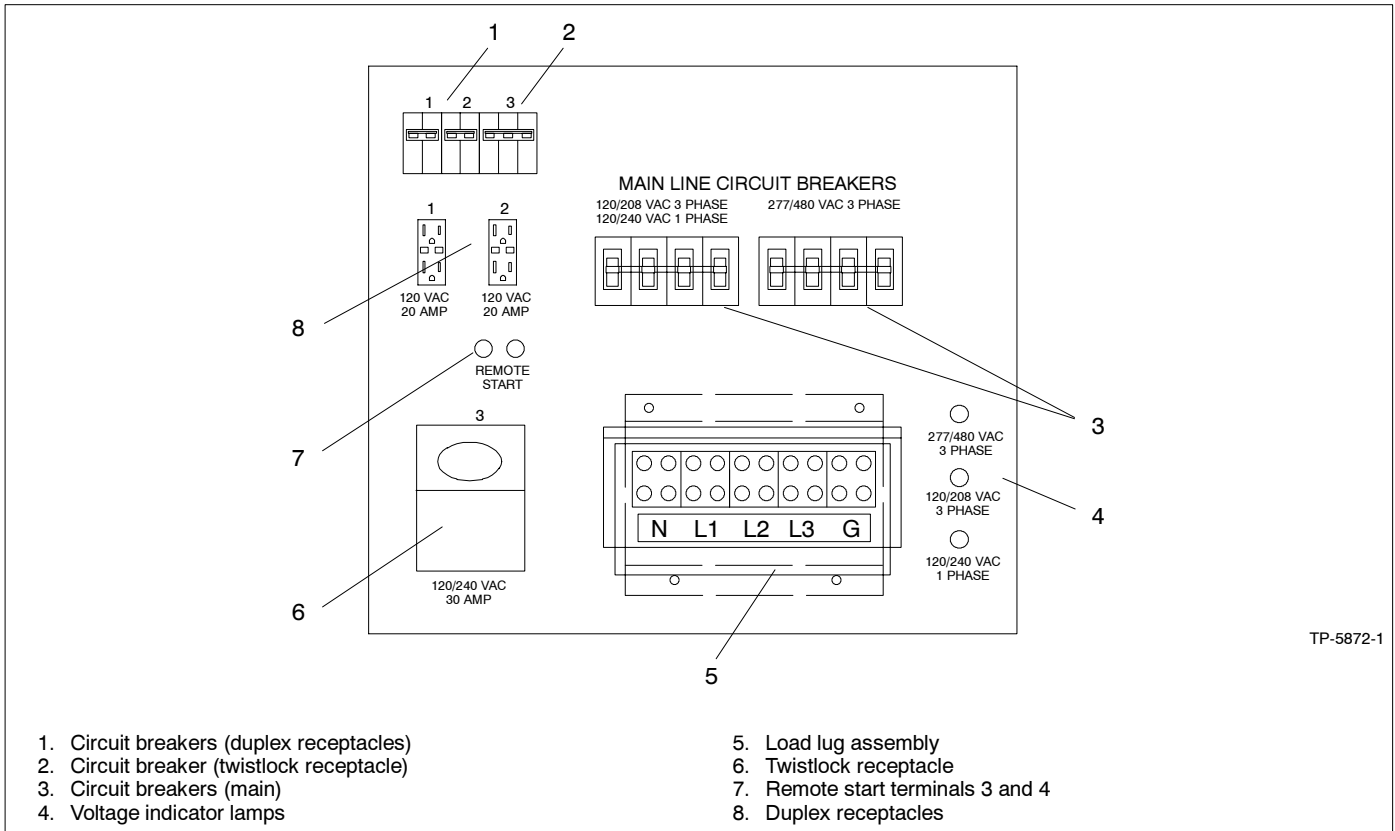
600-Volt Models

Generator Model	120 Volt Duplex Receptacles†† Qty., Amp	240 Volt Twistlock‡‡ Qty., Amp	Load Lug Connections	Load Lug Circuit Breakers, Amp	Available Voltages	Reverse Receptacles for Battery Charger and Block Heater	Remote Start Capability
180ROZJN	N/A	N/A	(2) #6-350 MCM	300	600 V, 3 Ph only, 60 Hz	Yes	Yes

†† Functional in only low wye and single-phase voltage selections.

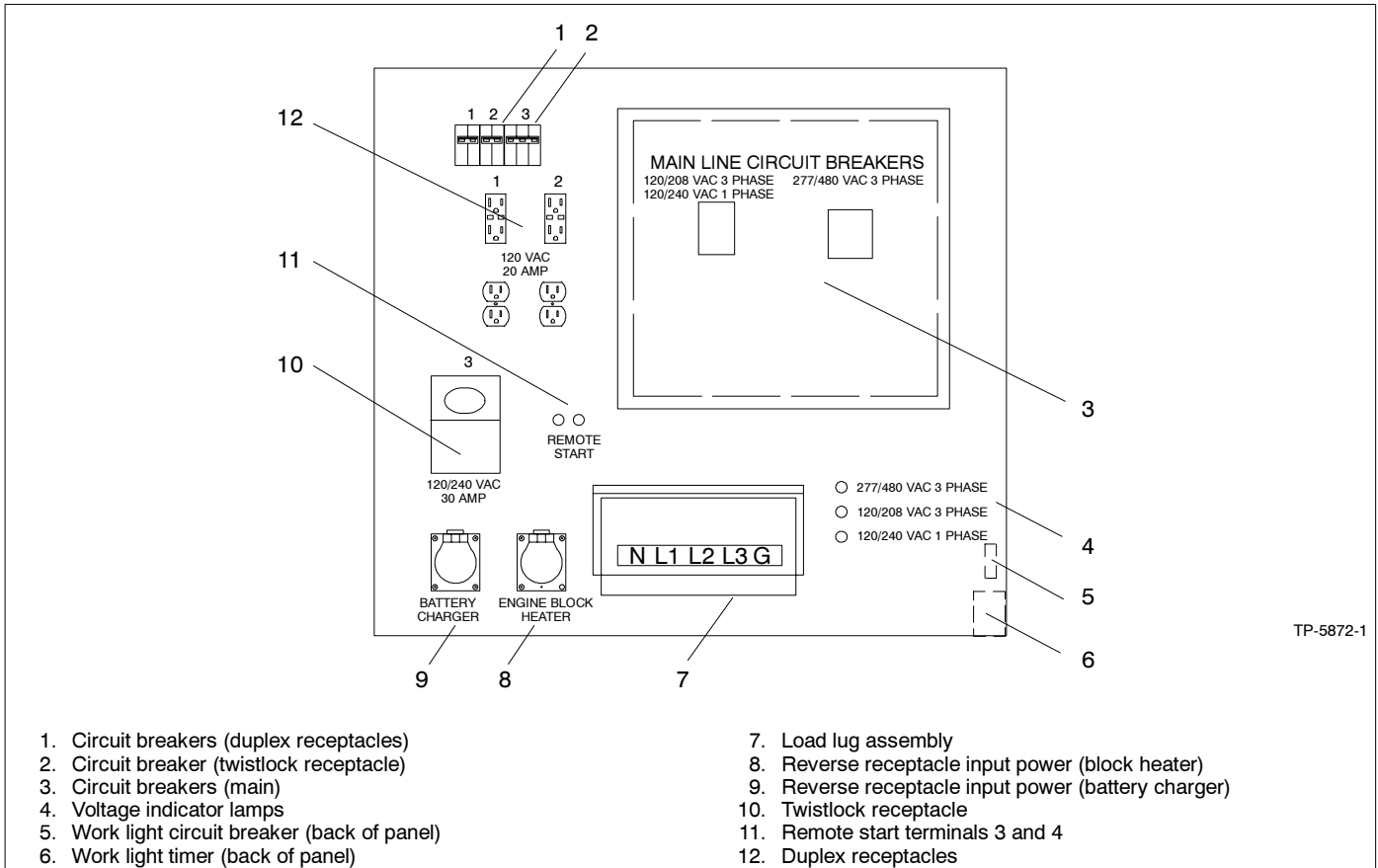
‡‡ Functional in only single-phase voltage selection.

N/A Not available



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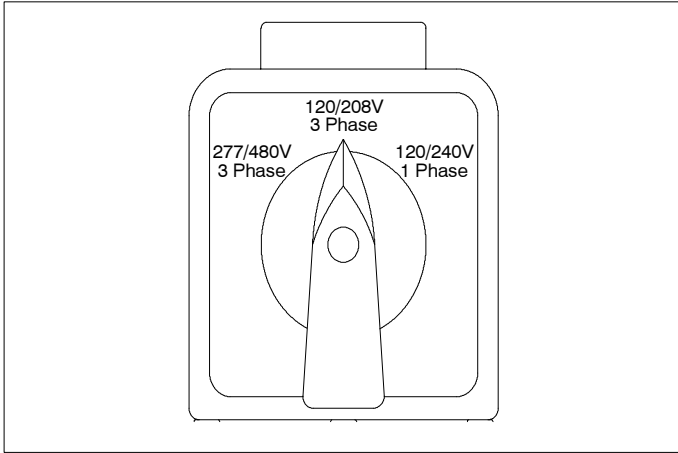
20 kW Electrical Power Panel with Ground Fault Protection Receptacles



TP-5872-1

50-180 kW Electrical Power Panel with Ground Fault Protection Receptacles

Voltage Selector Switch



Voltage Selector Switch (except 600 volt)

Additional Literature

Generator Model	Generator Set Spec Sheet	Generator Set Controller	Controller Spec Sheet
20EORZ	G3-26	Decision-Maker™ 1	G6-29
50REOZJN	G5-147	Decision-Maker™ 3+	G6-30
100REOZJN	G5-139		
180ROZJN	G5-133		

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