

Model: **KD100U/KD110**

KOHLER POWER SYSTEMS

200-600 V

Diesel



Ratings Range

		KD100U 60 Hz	KD110 50 Hz
Standby:	kW	100	88
	kVA	125	110
Prime:	kW	91	80
	kVA	114	100

Standard Features

- D Kohler Co. provides one-source responsibility for the generating system and accessories.
- D The generator set and its components are prototype-tested, factory-built, and production-tested.
- D A one-year limited warranty covers all systems and components.
- D John Deere engine with 12-volt battery charging alternator.
- D Leroy Somer single-bearing alternator with insulation class H.
- D Unit-mounted radiator with 50_C (122_F) ambient air capability.
- D Skid and vibration isolators.
- D Subbase fuel tank, 190 L (50 gal.).
- D Dry type air filter.
- D Main line circuit breaker.
- D Microprocessor controller.
- D Battery, battery rack, and cables.
- D Industrial 9 dB(A) reduction exhaust silencer (loose).
- D Operation and installation literature.

Generator Set Ratings

Alternator	Voltage	Ph	Hz	Standby Rating		Prime Rating	
				kW/kVA	Amps	kW/kVA	Amps
LSA442VS45	120/208	3	60	100/125	347	91/114	316
	127/220	3	60	100/125	328	91/114	299
	115/230	3	60	100/125	314	91/114	286
	120/240	3	60	100/125	301	91/114	274
	220/380	3	60	100/125	190	91/114	173
	254/440	3	60	100/125	164	91/114	149
	277/480	3	60	100/125	150	91/114	137
	347/600	3	60	100/125	120	91/114	109
	115/200	3	50	88/110	318	80/100	289
	110/220	3	50	88/110	289	80/100	262
	127/220	3	50	88/110	289	80/100	262
	115/230	3	50	88/110	276	80/100	251
	120/240	3	50	88/110	265	80/100	241
	220/380	3	50	88/110	167	80/100	152
	230/400	3	50	88/110	159	80/100	144
	240/415	3	50	88/110	153	80/100	139



With Available Enclosure Accessory

RATINGS: All three-phase units are rated at 0.8 power factor. See TIB-109 for generator set derate tables. Obtain the technical information bulletin (TIB-101) on ratings guidelines for the complete ratings definitions.
PRP: Prime power is available for an unlimited number of annual operating hours in variable load applications in accordance with ISO-8528/1. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operating in accordance with ISO-3046/1.
ESP: The emergency standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO-8528/1. Overload is not allowed. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.