



KSR 110

110 kVA RICARDO SERIES ENGINE GENSET



GENERAL SPECIFICATIONS

Standby Power	kVA	110
	kW	88
Prime Power	kVA	100
	kW	80
Frequency	Hz	50
Rated Speed	rpm	1500

FUEL CONSUMPTION

% 100 Fuel Consumption	lt/h	22,2
% 75 Fuel Consumption	lt/h	16,7
% 50 Fuel Consumption	lt/h	11,1

GENSET DIMENSION and WEIGHT

CANOPY TYPE

Length	(L)	mm	2900
Width	(W)	mm	1100
Height	(H)	mm	1760
Weight	(H)	kg	1480
Fuel Tank Capacity	lt		205

OPEN TYPE

Length	(L)	mm	2900
Width	(W)	mm	1100
Height	(H)	mm	1740
Weight	(H)	kg	1230
Fuel Tank Capacity	lt		205

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TECHNICAL SPECIFICATIONS

ENGINE

(ESP) Standby Power	kW/kVA	88/110
(PRP) Prime Power	kW/kVA	80/100
Brand		Ricardo
Model		K6105ZD
Type		4 Stroke
Injection Type		Direct
Cylinder Bore and Stroke	mm	105*130
Displacement	lt	6,49
Compression Ratio		16:01
Aspiration Type		Natural
Rated Speed	rpm	1500
Total Oil Capacity	lt	16
Total Coolant Capacity	lt	23
Cooling System		Water Cooled
Governor Type		Mechanical

ALTERNATOR

Brand		KOCSAN
Model		S274G80B1
Phase		3
Output Voltage	V	230 / 400
Frequency	Hz	50
Automatic Voltage Regulation	±%	1
Standby Power	kVA	110
Power Factor	Cos ϕ	0,8
Protection Class		IP 22
Insulation Class		H
Overload Running Time		%110 for 1 hour
Efficiency with Cos ϕ :0,8 and %75 Load	%	88

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TECHNICAL SPECIFICATIONS

CANOPY and CASE

- Easy Lifting and Carrying Design
- Emergency Stop Push Button Mounted on Exterior Casing
- Electrostatic Polyester Powder Coated Paint
- Special Design for Minimizing Acoustic Level
- Transparent Cover for Monitoring Control Unit
- Vibration Insulator

D300 CONTROL UNIT

- Webbased Control Unit with Additional External Slot
- Parameter Regulation via USB, RS-232 and GPRS
- CANBUS-J19398 & MPU Input
- 8 pcs. Configurable Digital Inputs
- 6 pcs. Configurable Digital Outputs
- 3 pcs. Configurable Service Alarm
- 3 pcs. Configurable Analog Inputs
- Language Configuration
- Weekly Working Program
- Free PC Configuration Software
- Remote / Manuel Start Controller
- ATS & AMF with Uninterrupted Transfer
- Modbus RTU
- Modbus TCP/I
- Internet Central Monitoring (Optional)
- Sms & E-mail Sending (Optional)

OPTIONAL EQUIPMENTS

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|-----------------------------------|------------------------------------|
| - Super Silent Canopy | - Different Canopy and Case Colour |
| - Trailer | - Fuel & Oil Heater |
| - Automatic Fuel Filling System | - External Fuel Tank |
| - Remote Monitoring | - Electronic Governor |
| - 3P / 4P Circuit Breaker | - 3P / 4P ATS Panel |
| - Synchronization System | - Expandable Fuel Tank |
| - Alternator with Two AVR and PMG | - Fuel / Water Separation Filter |