



KSD 38

38 KVA DETROIT SERIES ENGINE GENSET



GENERAL SPECIFICATIONS

Standby Power	kVA	38
	kW	30
Prime Power	kVA	34,5
	kW	28
Frequency	Hz	50
Rated Speed	rpm	1500

FUEL CONSUMPTION

% 100 Fuel Consumption	lt/h	7,8
% 75 Fuel Consumption	lt/h	6,1
% 50 Fuel Consumption	lt/h	4,3

GENSET DIMENSION and WEIGHT

CANOPY TYPE

Length	(L)	mm	1900
Width	(W)	mm	900
Height	(H)	mm	1290
Weight	(H)	kg	670
Fuel Tank Capacity	lt		105

OPEN TYPE

Length	(L)	mm	1900
Width	(W)	mm	900
Height	(H)	mm	1170
Weight	(H)	kg	670
Fuel Tank Capacity	lt		105

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TECHNICAL SPECIFICATIONS

ENGINE

(ESP) Standby Power	kW/kVA	30/38
(PRP) Prime Power	kW/kVA	28/34,5
Brand		Detroit
Model		DE3.0ZXE
Type		4 Stroke
Injection Type		Direct
Cylinder Bore and Stroke	mm	90*105
Displacement	lt	2,7
Compression Ratio		18.5
Aspiration Type		Natural
Rated Speed	rpm	1500
Total Oil Capacity	lt	6,5
Total Coolant Capacity	lt	5,73
Cooling System		Water Cooled
Governor Type		Mechanical

ALTERNATOR

Brand		MEGATRON
Model		184H
Phase		3
Output Voltage	V	230 / 400
Frequency	Hz	50
Automatic Voltage Regulation	±%	1
Standby Power	kVA	38
Power Factor	Cos ϕ	0,8
Protection Class		IP 21
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 |