

# GENERATING **PRIME** SET

## DIESEL GENSET 100kVA (Prime Power)

PRD100D  
100kVA

50Hz



*Specification, picture, dimension may change without notice due to product improvement.*

### Engine Specs

Type	: DEUTZ BF 4M 1013 EC
Power Output Gens. [kW]	: 80
Electrical Output Gens. [kVA]	: 100
Speed [Rpm] / Frequency [Hz]	: 1500 / 50
No of cylinders	: 4
Displacement [l]	: 4.76
Bore/Stroke [mm]	: 108 / 130
Injection System	: single injection pump
Compression Ratio	: 19 : 1
Mean Effective pressure [bar]	: 15.3
Cooling System	: Water cooling with Radiator
Fuel Consumption [l/h]	: 23.9 (100% Load)
Oil Capacity [l]	: 11

### Alternator Specs

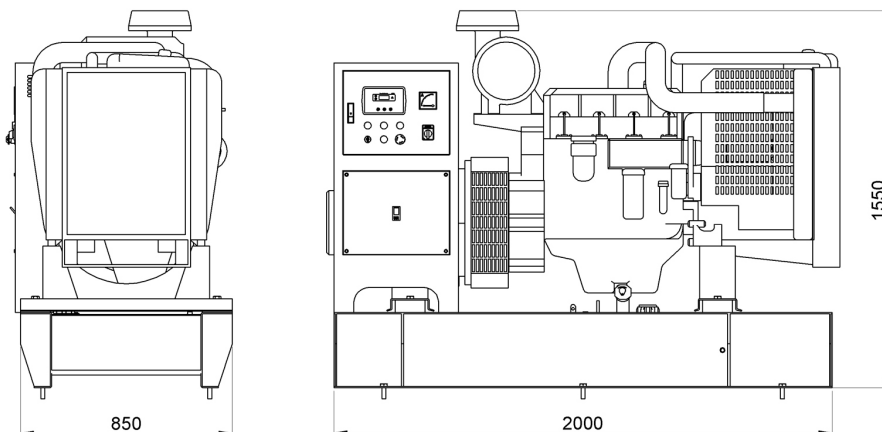
Type [3 Phases, Single Bearing]	: LEROY SOMER : STAMFORD UC. I 274 C or : MECC ALTE (or equivalent)
Rated Output [kVA]	: 100
Speed [Rpm] / Frequency [Hz]	: 1500 / 50
Voltage [V]	: 400
Insulation	: Class H
Protection	: IP 23 (other protection on request )

## Accessories

Radiator Cooling	: as DEUTZ standard
Radiator & Engine Capacity	: 19.7 L
Digital Control Panel, consist of	: <b>DEEP SEA ELECTRONICS (DSE 4520)</b> Module, parameter : •Volt meter, •Auto Start Control (AMF), •Hour meter, •Speed Control, •Engine lube oil pressure gauge, •Engine coolant Temperature gauge) ,
Batteries	: Start key switch : Charging control lamp : Control fuse : Emergency Stop Button : 12Volts, 1 x 143Ah (minimum capacity) : Set of Connection cables and Cable terminals
Exhaust System	: Industrial exhaust silencer
Air Filter	: Dry Type
Baseframe	: <b>Steel Channel construction (include daily tank for 8hrs operation)</b>
Engine and Alternator Mounting	: Rubber metal elements
Set of Operation books	: User's Manual

## Genset Dimension and Weight

Dimension Approx. [LxWxH]	: <b>2000 x 850 x 1550</b>
Dry Weight Approx. [kg]	: <b>1300</b>



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