

# GENERATING **PRIME** SET

## DIESEL GENSET 125kVA (Prime Power)

PRD125D  
125kVA

50Hz



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

### Engine Specs

|                               |                               |
|-------------------------------|-------------------------------|
| Type                          | : DEUTZ BF 6M 1013 E          |
| Power Output Gens. [kW]       | : 100                         |
| Electrical Output Gens. [kVA] | : 125                         |
| Speed [Rpm] / Frequency [Hz]  | : 1500 / 50                   |
| No of cylinders               | : 6                           |
| Displacement [l]              | : 7.15                        |
| Bore/Stroke [mm]              | : 108 / 130                   |
| Injection System              | : single injection pump       |
| Compression Ratio             | : 19 : 1                      |
| Mean Effective pressure [bar] | : 15.5                        |
| Cooling System                | : Water cooling with Radiator |
| Fuel Consumption [l/h]        | : 30.1 (100% Load)            |
| Oil Capacity [l]              | : 20                          |

### Alternator Specs

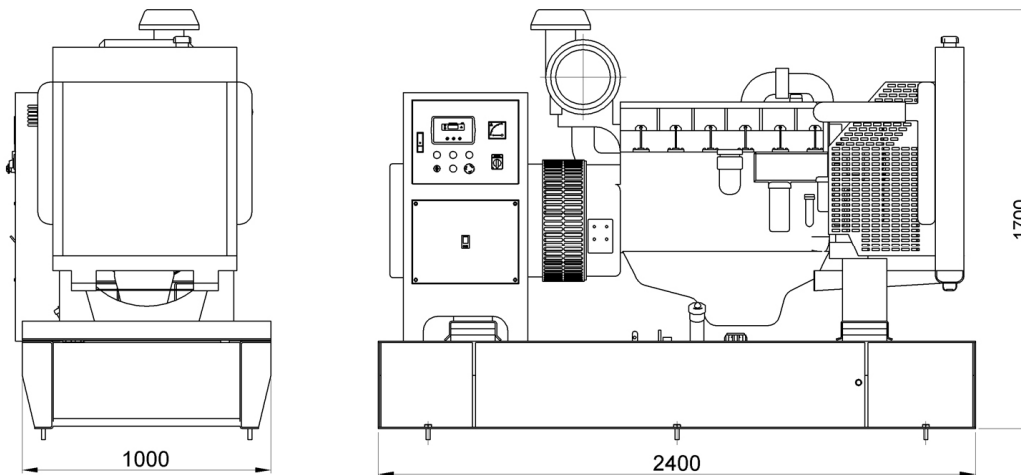
|                                 |  |
|---------------------------------|--|
| Type [3 Phases, Single Bearing] | : LEROY SOMER<br>: STAMFORD UCI.274 ES or<br>: MECC ALTE (or equivalent) |
| Rated Output [kVA]              | : 125  |
| Standby AMP                     | : 207  |
| Speed [Rpm] / Frequency [Hz]    | : 1500 / 50  |
| Voltage [V]                     | : 400/230  |
| Insulation                      | : Class H  |
| Protection                      | : IP 23  |

## Accessories

|                                   |  |
|-----------------------------------|--|
| Radiator Cooling                  | : as DEUTZ standard  |
| Radiator & Engine Capacity        | : 23.1 L   |
| Digital Control Panel, consist of | : <b>DEEP SEA ELECTRONICS (DSE 4520)</b><br>Module, parameter : •Volt meter,<br>•Auto Start Control (AMF), •Hour meter,<br>•Speed Control,<br>•Engine lube oil pressure gauge, •Engine coolant<br>Temperature gauge) , |
| Batteries                         | : Start key switch<br>: Charging control lamp<br>: Control fuse<br>: Emergency Stop Button<br>: 12Volts, 1 x 143Ah (minimum capacity)<br>: Set of Connection cables and Cable terminals                                |
| Exhaust System                    | : Industrial exhaust silencer  |
| Air Filter                        | : Dry Type   |
| Baseframe                         | : <b>Steel Channel construction (include daily tank<br/>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>2400mm x 1000mm x 1700mm</b> |
| Dry Weight Approx.        | : <b>1700kg</b>                   |



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