

# GENERATING **PRIME** SET

## DIESEL GENSET 500kVA (Prime Power)



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

### Engine Specs

Type	: DEUTZ BF 8M 1015 CP
Power Output Gens. [kW]	: 400
Electrical Output Gens. [kVA]	: 500
Speed [Rpm]	: 1500
Frequency [Hz]	: 50
No of cylinders	: 8 (V)
Displacement [l]	: 15.9
Bore/Stroke [mm]	: 132 / 145
Governor	: Electronic
Compression Ratio	: <b>16.5 : 1</b>
Cooling System	: Water cooling with Radiator
Fuel Consumption [l/h]	: 118 (100% Load)
Oil Capacity [l]	: 45

### Alternator Specs

Type [3 Phases, Single Bearing]	: <b>STAMFORD HCI534D</b> or : <b>LSA 47.2M7 J6/4</b> (or equivalent)
Rated Output [kVA]	: 500
Speed [Rpm]	: 1500
Frequency [Hz]	: 50
Insulation	: Class H
Protection	: IP 23

## Accessories

Radiator Cooling	: as DEUTZ standard
Coolant Capacity (incl. radiator)	: 116 L
Digital Control Panel Feature	: <b>DEEP SEA ELECTRONICS (DSE 7320)</b> •Tier 4 CAN engine support : •Man/auto load transfer Integral PLC editor •Load switching, shedding and dummy load outputs •Remote Communications •3-Phase generator and mains (utility) sensing •Power monitoring (kW h,kV Ar,kV Ah,kV Ar h) •Heated display option•Configurable event log (250) •Power save mode•Flexible sender inputs •Configurable display languages. •Fuel usage monitor and low level alarms.
System Volt, battery	: 24Volts, 2 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	: Engine operating instruction : Certificate of Origin : Alternator operating instruction : Genset Test Report

## Genset Dimension and Weight

### Open Type

Dimension Approx. [LxWxH] : **3000mm x 1460mm x 2250mm**

Operating Weight Approx. : **4275kg**

### Silent Type

Dimension Approx. [LxWxH] : **4500mm x 1800mm x 2200mm (without muffler)**

Dry Weight Approx. : **5350kg**

**TRIANA BINTANG Pts, Ltd.**  
**DEUTZ AG Authorized distributor.**

#### Head Office :

Mlaten Trenggulun 82-84  
Telp : 62-24-3541080/3519324  
Fax : 62-24-3541085  
Semarang – Central Java  
Indonesia

#### Workshop :

Wisma Energie, Jl.Raya kaligawe Km.7 no 311  
Telp : 62-24-658-1760  
Fax : 62-24-658-1759  
Semarang – Central Java  
Indonesia

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