

GENERATING **PRIME** SET

DIESEL GENSET 100kVA (Prime Power)



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

Engine Specs

Type	: DEUTZ BF4M1013EC
Power Output Gens. [kW]	: 80
Electrical Output Gens. [kVA]	: 100
Speed [Rpm]	: 1500
Frequency [Hz]	: 50
No of cylinders	: 4 (in-line)
Displacement [l]	: 4.76
Bore/Stroke [mm]	: 108 / 130
Governor	: Mechanical/Electronic
Compression Ratio	: 19 : 1
Cooling System	: Water cooling with Radiator
Fuel Consumption [l/h]	: 25.8 (100% Load)
Oil Capacity [l]	: 11

Alternator Specs

Type [3 Phases, Single Bearing]	: STAMFORD UCI274C
	: LSA 44.3 S5 (or equivalent)
Rated Output [kVA]	: 100
Speed [Rpm]	: 1500
Frequency [Hz]	: 50
Insulation	: Class H
Protection	: IP 23

Accessories

Radiator Cooling	: as DEUTZ standard
Coolant Capacity (incl. radiator)	: 19.7 L
Digital Control Panel Feature	: DEEP SEA ELECTRONICS (DSE 4520) : •Large back-lit icon LCD display•Heated display option•3-phase generator sensing•600V ph-ph nominal system compatibility•Generator & load power monitoring (kW, kV A, kV Ar, pf) •Generator overload protection•Configurable inputs & outputs•Fuel and start outputs (configurable on CAN) •Configurable DC, volt-free and staged loading outputs•CAN & alternator speed sensing•Configurable event log (50) •DSE configuration suite PC software
System Volt	: 12Volts
Exhaust System	: Set of Connection cables and Cable terminals
Air Filter	: Industrial exhaust silencer
Baseframe	: Dry Type
Engine and Alternator Mounting	: Steel Channel construction (include daily tank for 8hrs operation)
Set of Operation books, consist of	: Rubber metal elements : Engine operating instruction : Certificate of Origin : Alternator operating instruction : Genset Test Report

Genset Dimension and Weight

Open Type

Dimension Approx. [LxWxH] : **2000mm x 850mm x 1550mm**

Operating Weight Approx. : **1392kg**

Silent Type

Dimension Approx. [LxWxH] : **2750mm x 1150mm x 1500mm**

Dry Weight Approx. : **1925kg**

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