

AEI Diesel Generator



Image Shown may not reflect actual Package

**1 YEAR
WARRANTY**

**Remote
monitoring
Via GSM**

Features

- Remote monitoring Via GSM
- Factory fitted dual fuel kit
- Great saving in Fuel operation upto 30/70 (Diesel/gas) ratio
- Trouble free reliable power
- 24 hours prompt after sales
- High Ambient temperature radiator (50°C)
- Skid & vibration isolators
- Dry type Air filter easy to clean
- Trouble free single bearing alternator
- Low Fuel consumption

Model **AEI-650DG**

Power Output Rating (Prime):
50HZ, 650kVA, 532kW

**Factory
fitted dual
fuel kit**

We provide ... sustainable energy, electricity and technology solution!



Advance Electronics International

ISO 9001
Lloyd's
Register

www.aei-co.com

Model **AEI-650DG**

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SPECIFICATION

Engine		
Manufacturer		Doosan
Origin		South Korea
No. of Cylinder		12-V Type
Displacement	Lit.	21.927
Bore / Stroke	mm	128x142
Compression Ratio		15:1
Aspiration		Turbocharged and Intercooled (Air to Air)
Governor Type		Electrical
Cooling System		Water
Coolant Capacity	Lit	23
Lubrication Oil Capacity	Lit	40
Electrical System	VDC	24
Speed / Frequency		1500 RPM / 50 Hz
Engine Gross Power	KWm	532
Fuel Consumption @ 100% Load	Lit / hour	134
Fuel Consumption @ 75% Load	Lit / hour	97.6
Fuel Consumption @ 50% Load	Lit / hour	65.8
Fuel Consumption @ 25% Load	Lit / hour	35.7
Alternator		
Manufacturer		Meccalte
Origin		Italy
Power Factor		0.8
No. of Phase		3
No. of Bearing		SINGLE
No. of Poles		4
Insulation Class		H
Excitation System		Brushless
Frequency	Hz	50
Voltage Output	VAC	400
Rated Power (Prime)	KVA	680
Efficiency	%	94.3
Fuel Tank	Litre	900 approx

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