

KZD52 DIESEL GENERATOR SET / 50Hz

OUTPUT RATINGS	50 Hz / 400V
Standby Power	52 kVA
	41,6 kW
Prime Power	47,3 kVA
	37,8 kW

ENGINE (ESP -STAND-BY)	
Manufacturer	DEUTZ
Origin	CHINA
Model	TD226B-3
No of Cylinder / Configuration	3 / IN LINE
Displacement (lt)	3,117
Bore / Stroke (mm)	105 / 120
Cycle	4
Compression Ratio	15.50 :1
Aspiration	Natural
Governor Type	Mechanical
Cooling System	Water
Coolant Capacity (lt)	12
Lubrication Oil Capacity (lt)	7,25
Injection	Direct
Speed / Frequency	1500 / 50 Hz
Engine Gross Power (kWm)	55,2
Fuel Consumption (lt/h)	100% 11,25
	50% 5,63



Sound Proof Canopy

Special design for minimizing acoustic level
Galvanised steel construction further protected by polyester powdercoat paint
Black finish stainless steel locks and hinges
Control panel viewing window in a lockable access door
Emergency stop push button (red) mounted on enclosure exterior
Lifting, drag and jacking points on base frame
Radiato fill via removable, flush mounted rain cap fitted with compression seal
Acoustic insulation with moisture-repellent and non-flammable material

CONTROL UNIT

STANDART: Datakom309



OPTIONAL: Deepsea



KZ POWER reserves the right to amend details and specifications without notice.
Images for illustration purposes only. Generating set may include optional accessories.

DEUTZ WP Series

Emergency Standby Power (ESP)

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

Prime Power

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3)



ALTERNATOR

Manufacturer	GENTECH
Origin	TURKEY
Model	GNT-55
No of Phase	3
Power Factor	cos 0,8
Number of Bearing	SINGLE
No of Poles	4
No of Leads	12
Voltage Regulation (SteadyState)	± %1
Insulation Class	H
Degree of Protection	IP 21/23
Excitation System	AVR, Brushless
Connection Type	STAR
Total Harmonic Content (No Load)	< %2
Frequency (Hz)	50
Voltage Output (VAC)	230 / 400
Efficiency (%)	%87,2

Dimensions	WxLxH	Weight	Fuel Tank	Noise
	mm	kg	lt	db(A)
CANOPIED	1040x2750x1700	1120	130	
OPEN SET	1000x1660x1380	910	130	



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