

KZP-G2500 DIESEL GENERATOR SET / 50Hz



OUTPUT RATINGS	50 Hz / 400V
Standby Power	2500 kVA
	2000 KW
Prime Power	2250 kVA
	1800 KW

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)

ENGINE (ESP -STAND-BY)	
Manufacturer	PERKINS
Origin	UK
Model	4016-61TRG3
No of Cylinder / Configuration	16 / V
Displacement (lt)	61.123
Bore / Stroke (mm)	160 / 190
Cycle	4
Compression Ratio	13.6 :1
Aspiration	Turbo Aftercooler
Governor Type	Electronic
Cooling System	Water
Coolant Capacity (lt)	270
Lubrication Oil Capacity (lt)	237
Injection	Direct
Speed / Frequency	1500 / 50 Hz
Engine Gross Power (kWm)	1975
Fuel Consumption (lt/h)	100% 470
	50% 234

ALTERNATOR

Manufacturer	GENTECH
Origin	TURKEY
Model	GNT-2500
No of Phase	3
Power Factor	cos 0,8
Number of Bearing	SINGLE
No of Poles	4
No of Leads	12
Voltage Regulation (Steady State)	± %0,5
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 (PF 0,8 / %75 Load)	%97



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

Dimensions	WxLxH	Weight	Fuel Tank	Noise
	mm	kg	lt	db(A)
CANOPIED	3000x12190x3220	20900	3500	
OPEN SET	2430x6500x2690	16300	3500	

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.



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