

## KZP-6G125 DIESEL GENERATOR SET / 60Hz



### OUTPUT RATINGS

60 Hz / 480V

Standby Power	125 kVA
	100 KW
Prime Power	112 kVA
	90 KW

### Emergency Standby Power (ESP)

These ratings are applicable for supplying continuous electrical power (at variable load). There is 200 operation hours/year limitation 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). 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	1104C- 44TAG2
No of Cylinder / Configuration	4 / IN LINE
Displacement (lt)	4,4
Bore / Stroke (mm)	105 / 127
Cycle	4
Compression Ratio	18.2 :1
Aspiration	Turbo
Governor Type	Electronic
Cooling System	Water
Coolant Capacity (lt)	12,6
Lubrication Oil Capacity (lt)	8
Injection	Direct
Speed / Frequency	1800 / 60 Hz
Engine Gross Power (kWm)	106,8
Fuel Consumption (lt/h)	100% 26,9
	50% 14,1

### ALTERNATOR

Manufacturer	STAMFORD
Origin	UK
Model	UC1274C
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)	± %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)	60
Voltage Output (VAC)	220 / 480
Efficiency (%)	%90,2

### 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	1100x2800x1830	2235	240	
OPEN SET	1100x2100x1650	1522	240	

### CONTROL UNIT

STANDART: Datakom D300

OPTIONAL: Datakom D500



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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