

KZP-6S100 DIESEL GENERATOR SET / 60Hz



OUTPUT RATINGS

60 Hz / 480V

Standby Power	100 kVA
	80 KW
Prime Power	91 kVA
	72,8 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	1104A-44TG2
No of Cylinder / Configuration	4 / IN LINE
Displacement (lt)	4,4
Bore / Stroke (mm)	105 / 127
Cycle	4
Compression Ratio	17.25 :1
Aspiration	TURBOCHARGED
Governor Type	Mechanical
Cooling System	Water
Coolant Capacity (lt)	13
Lubrication Oil Capacity (lt)	8,3
Injection	Direct
Speed / Frequency	1800 / 60 Hz
Engine Gross Power (kWm)	93
Fuel Consumption (lt/h)	100% 22,3
	50% 11,9

ALTERNATOR

Manufacturer	STAMFORD
Origin	UK
Model	UC1224G
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 (%)	%91,2

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	1460	240	
OPEN SET	1100x2100x1650	942	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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