

KZP-6S438 DIESEL GENERATOR SET / 60Hz



OUTPUT RATINGS

60 Hz / 480V

Standby Power	438 kVA
	350 KW
Prime Power	400 kVA
	320 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	2206A-E13TAG3
No of Cylinder / Configuration	6 / IN LINE
Displacement (lt)	12,5
Bore / Stroke (mm)	130 / 157
Cycle	4
Compression Ratio	16.3:1
Aspiration	Turbo
Governor Type	Electronic
Cooling System	Water
Coolant Capacity (lt)	51
Lubrication Oil Capacity (lt)	40
Injection	Direct
Speed / Frequency	1800 / 60 Hz
Engine Gross Power (kWm)	373
Fuel Consumption (lt/h)	100% 81
	50%43

ALTERNATOR

Manufacturer	STAMFORD
Origin	UK
Model	HCI444F
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)	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	1500x3100x1900	4426	650	
OPEN SET	1500x4200x2580	3526	650	

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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