

## KZP-S33 DIESEL GENERATOR SET / 50Hz

OUTPUT RATINGS	50 Hz / 400V
Standby Power	33 kVA
	26,4 kW
Prime Power	30 kVA
	24 kW

ENGINE (ESP -STAND-BY)	
Manufacturer	PERKINS
Origin	UK
Model	1103A-33G
No of Cylinder / Configuration	3 / IN LINE
Displacement (lt)	3,3
Bore / Stroke (mm)	105 / 127
Cycle	4
Compression Ratio	19.25 :1
Aspiration	Natural
Governor Type	Mechanical
Cooling System	Water
Coolant Capacity (lt)	10,2
Lubrication Oil Capacity (lt)	8,3
Injection	Direct
Speed / Frequency	1500 / 50 Hz
Engine Gross Power (kWm)	27,7
Fuel Consumption (lt/h)	100% 7,1
	50% 4,06

### 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	STAMFORD
Origin	UK
Model	PIO144G
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)	50
Voltage Output (VAC)	230 / 400
Efficiency ( %)	%86,5

### 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	860x2270x1640	925	150	
OPEN SET	850x1690x1325	710	150	

## 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.

