

KZP-G825 DIESEL GENERATOR SET / 50Hz



OUTPUT RATINGS	50 Hz / 400V
Standby Power	825 kVA
	660 kW
Prime Power	750 kVA
	600 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.

ENGINE (ESP -STAND-BY)	
Manufacturer	PERKINS
Origin	UK
Model	400623TAG2A
No of Cylinder / Configuration	6 / IN LINE
Displacement (lt)	23
Bore / Stroke (mm)	160 / 190
Cycle	4
Compression Ratio	13.6 :1
Aspiration	Turbo Aftercooler
Governor Type	Electronic
Cooling System	Water
Coolant Capacity (lt)	105
Lubrication Oil Capacity (lt)	113,4
Injection	Direct
Speed / Frequency	1500 / 50 Hz
Engine Gross Power (kWm)	632
Fuel Consumption (lt/h)	100% 155
	50% 80

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	GENTECH
Origin	TURKEY
Model	GNT-825
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 (%)	%93



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	1880x5030x2700	7690	2000	
OPEN SET	1850x3810x2175	6070	2000	

CONTROL UNIT

STANDART: Datakom309

OPTIONAL: Deepsea

