

## KZV-6G118 DIESEL GENERATOR SET / 60Hz




### 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)

### OUTPUT RATINGS

60 Hz / 480V

Standby Power	118 kVA
	94 KW
Prime Power	106 kVA
	84 KW

### ENGINE (ESP -STAND-BY)

Manufacturer	VOLVO
Origin	SWEDEN
Model	TAD531GE
No of Cylinder / Configuration	4 / IN LINE
Displacement (lt)	4,76
Bore / Stroke (mm)	108 / 130
Cycle	4
Compression Ratio	18:1
Aspiration	Turbocharged
Governor Type	Electronic
Cooling System	Water
Coolant Capacity (lt)	19,7
Lubrication Oil Capacity (lt)	13
Injection	Direct
Speed / Frequency	1800 / 60 Hz
Engine Gross Power (kWm)	113
Fuel Consumption (g/kWh)	100% 218
	50% 232

### ALTERNATOR

Manufacturer	GENTECH
Origin	TURKEY
Model	GNT 125
No of Phase	3
Power Factor	cos 0,8
Number of Bearing	SINGLE
No of Poles	4
No of Leads	12
Voltage Regulation (SteadyState)	± 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 (PF 0,8 / 75 Load)	92%



### 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	1100x3000x1800	2050	400	
OPEN SET	1100x2200x1700	1550	400	

### CONTROL UNIT

STANDART: Datakom309

OPTIONAL: Deepsea

