



## KZDO-M510 DIESEL GENERATOR SET / 50Hz

OUTPUT RATINGS	50 Hz / 400V
Standby Power	510 kVA
	408 KW
Prime Power	460 kVA
	368 KW

ENGINE (ESP -STAND-BY)	
Manufacturer	DOOSAN
Origin	SOUTH KOREA
Model	DP158LC
No of Cylinder / Configuration	8 / V TYPE
Displacement (lt)	14,618
Bore / Stroke (mm)	128 / 142
Cycle	4
Compression Ratio	15.00 :1
Aspiration	Turbocharged
Governor Type	Electronic
Cooling System	Water
Coolant Capacity (lt)	90
Lubrication Oil Capacity (lt)	22
Injection	Direct
Speed / Frequency	1500 / 50 Hz
Engine Power (kWm)	449
Fuel Consumption (l/h)	100% 99,6
	50% 48,9



### 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

### 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	MECC ALTE
Origin	ITALY
Model	ECO 40-3S/4
No of Phase	3
Power Factor	cos 0,8
Number of Bearing	SINGLE
No of Poles	4
No of Leads	12
Voltage Regulation (SteadyState)	± %1
Insulation Class	H
Degree of Protection	IP 22/23
Excitation System	AVR, Brushless
Connection Type	Y Type
Total Harmonic Content (No Load)	< %3
Frequency (Hz)	50
Voltage Output (VAC)	230 / 400
Efficiency ( %)	%93,9

Dimensions	WxLxH	Weight	Fuel Tank	Noise
	mm	kg	lt	db(A)
CANOPIED	1606x4460x2477	4100	700	
OPEN SET	1550x3106x1994	3080	700	

## 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.



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