

GENERATOR SET IN CONTAINER

MODEL: DCAS 1100E / DCWAS 1000E

Voltage (V) DCAS 1100E: **400/230 @ 50 Hz**

Voltage (V) DCWAS 1000E: **440/277 @ 60 Hz**

Voltage (V) DCWAS 1000E: **600/347 @ 60 Hz**

Technical Data Sheet

TECHNICAL DATA

GENERATOR SET

FREQUENCY:	Hz	50	60
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GENERATOR SET POWER:

Continuous	KVA(KW)	1012(810)	1146(917)
Standby	KVA(KW)	117(894)	1256(1005)

ENGINE:

Model:	Cummins QST 30 G4		
Power:	KW	880	1007
Speed	rpm	1500	1800
Displacement:	l	30.480	
Cylinders:		12 V 50	
Regulation		ECM-Central electronics of Cummins engine	
Aspiration		Turbo with low temperature aftercooler	
Cooling type:		Water	
Consumption:.	liters		
	25%	54	66
	50%	102	119
	75%	151	177
	100%	202	240
	110%	224	267
Oil sump Capacity	liters	154	
Engine Heating:		Yes (2 X 2000 Watts)	

ALTERNATOR

Model:	HCI634J		
Standby Power	KVA(KW)	1110	1350
Regulator:		MX 321 + Permanent magnet	

TANK

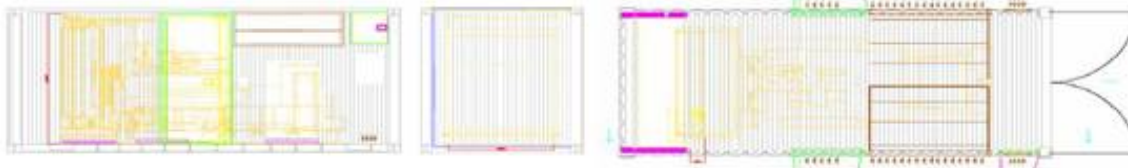
Capacity	liters	1500	
Autonomy (75%)	hours	10	8,5
Type:		Standarized double wall with level and leak indicator	

ELECTRICAL CONTROL PANEL

Location:	Interior .Access through right door and back doors		
Control microcontroler 24Vdc:	DS 5320		
Earth Leakage Protection:	Optional		
Battery Charger:	24Volts Amps		
Operating modes:	Manual start -Auto start		

ELECTRICAL POWER PANEL

Location:	Exterior.Access through door with key		
Protection 400/230 50 Hz & 480/277:	Automatic electric motorized circuit breaker (MCCB)		
Protection 600/347 60 Hz:	Automatic electric motorized circuit breaker (MCCB)		
Control unit:	Micrologic 2.0		
Connection:	Double strip conner 50X10		



CONTAINER

Structure :	Container ISO 20'Ft standard
Acces	Side back doors
Air Inlet	Sides with machined grille, both doors and horizontal grilles in alternator area with acoustic conduit to the inside
Air outlet	Upper end part of the container propelled by the radiator fan
Floor	Non-slip stamped aluminium plate
Interior insulation	Absorbent glass wool treatment , 40mm thick , finished in black film and installed between galvanised sections
Acces to the tank	Through the double leaf roof door of the container at the back , which shall serve as access to the interior
Exhaust silencer	2 units in aluminium-coated steel,positioned vertically located in the interior radiatoor outlet (29 dB at 250 Hz)
Paint colour	RAL 1090
Noise level: Pressure dBA Power dBA dB -	According to standard 2005/88/CE, at 75% load dB 85 at 1 m.

DIMENSIONS AND WEIGHT

Length:	mm	6.058
Width:	mm	2.438
Height:	mm	2.591
Weigh:	kg	12.000



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