

Technical Data

Model : C1100D5B Enc

Frequency : 50 Hz

Data

Generator	Cummins C1100D5B Enclosed
Engine	Cummins : KTA38-G14
Alternator	Stamford : HCI634K PMG
Radiator	40°C or 50 °C
Control	PCC 3.3
Governor	Mechanical with electronic fuel governor
Rating	1500rpm
	1029kVA Prime / 1132 kVA Standby
	400/230 Volts
	3 Phase
	50 Hz
Base & Fuel Tank	Leak proof tray, with integral 1000l fuel tank (6.2 hour fuel tank at 75% PRP load 50Hz)

Features

Noise	LWA / Material / Air attenuators	85dB(A) @ 1 m 75% load / 80mm Polyester fiber + rock wool / inlet and out let
Enclosure	Type	Sound Enclosure in galvanized steel
	Design	Semi-Modular welded panels with interchangeable doors (2mm width)
	Skid base	Steel profiles 6mm thickness
	Leak proof tray	Yes, with draining facilities on skid
	Cooling	Vertical heat exchanger / 40°C or 50 °C
	Others	Grounding / Internal exhaust silencer / rain cap / door handles flat with key / Epoxy polyester paint / Flexible compensators / External emergency stop button
Fuel system	Tank	Sub-base / rectangular
	Tank capacity (l)	1000
	Filling & others	External with key one side / Visual fuel level on tank
Control Panel	Position	Front end with window on canopy
	Controller	Power Command 3.3.
	Other equipment	Control Display LCD / Warning & Shutdown / Analogue measurement / AmpSentry protection
	Outputs	Internal power cables connection / External lateral side
Access and lifting	Access	One key for enclosure locks / Doors at both sides for full internal access / Door for control panel access
	Radiator access /filling	Exhaust room via exhaust panel disassembling / external coolant filling on top
	Lifting	4 Lifting points on the roof

Equipment	Standard	Lead acid batteries (Dry charged) / visual fuel gauge on fuel tank
	Optional	Battery Charger / engine coolant heater / Residual Current Device / Manual oil drain pump / Standard or Motorized IV Poles circuit breaker / Automatic refilling fuel system / Big size fuel tank / Fully bunded base

Weights*	Unit dry weight kgs	Unit wet weight kgs
Unit dry weight kgs	12.500	14.100

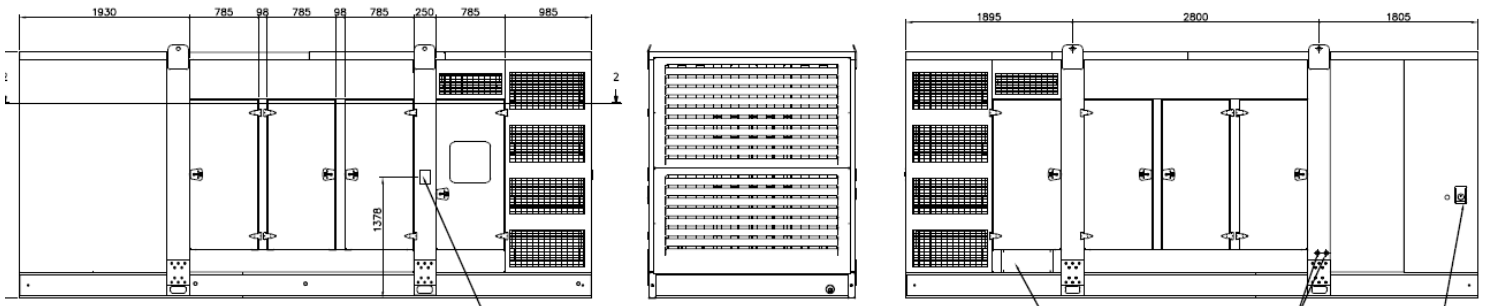
* Weights represent a set with standard features (enclosure 6200x2300x2500mm). See outline drawing for weights of other configurations

Dimensions	Length	Width	Height
Enclosed set standard dimensions (mm)	6500	2350	2902(*)

* Exhaust rain cap not included (detachable)

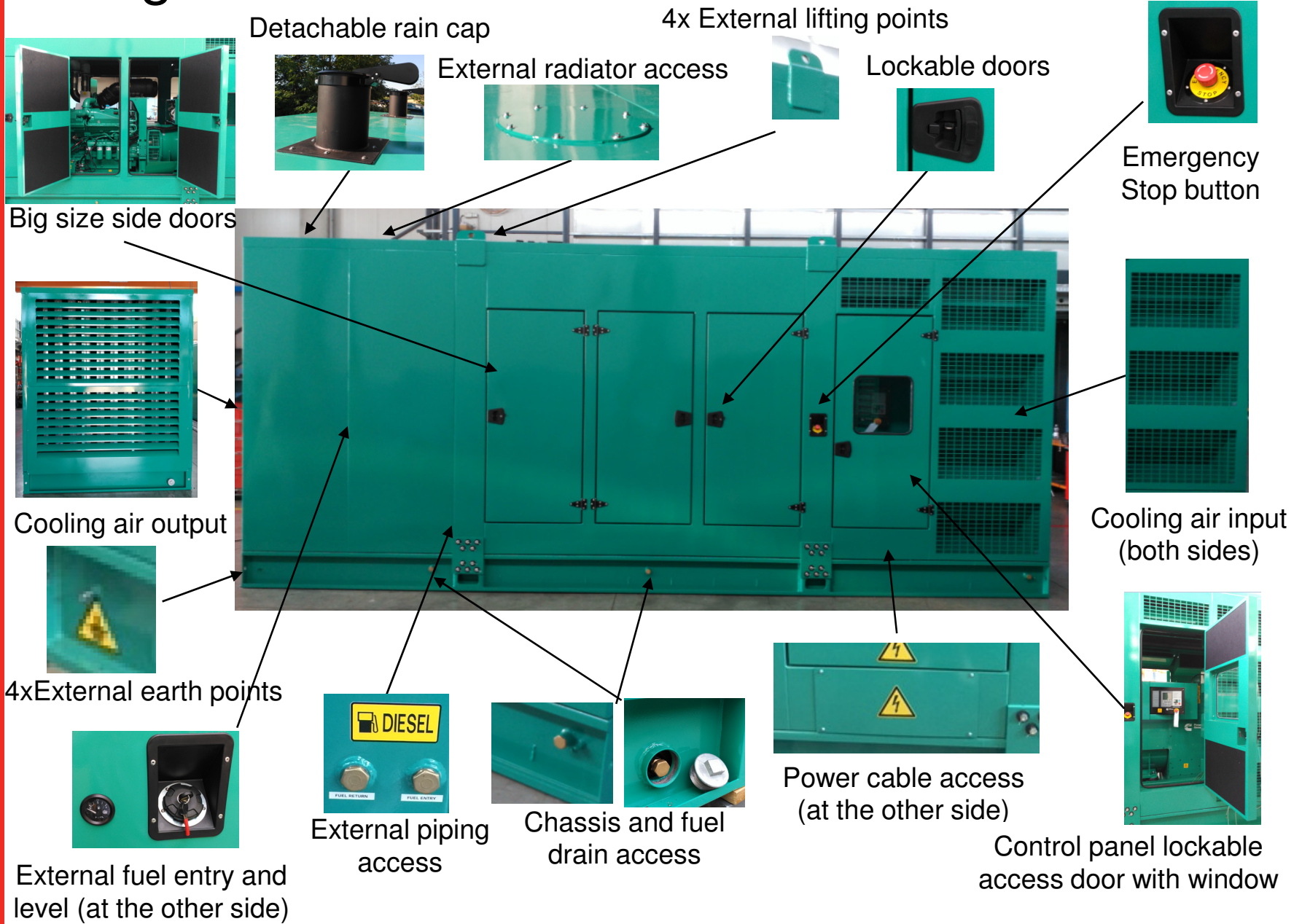
Genset outline

Enclosed set

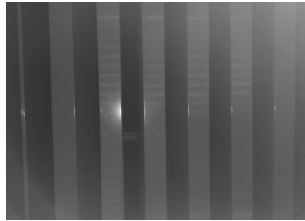


Outlines are for illustrative purposes only. Please refer to the genset outline drawing for an exact representation of this model.

Design - External



Design - Internal



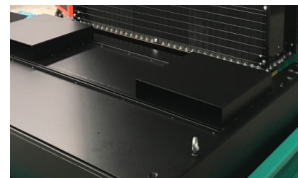
Noise attenuators



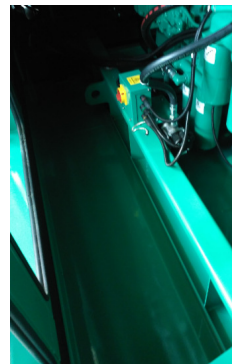
Internal silencers



Electric fuel shutdown and external connection



High capacity fuel tank

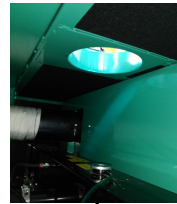


Leak proof tray



CB optional (front/bottom outlet)

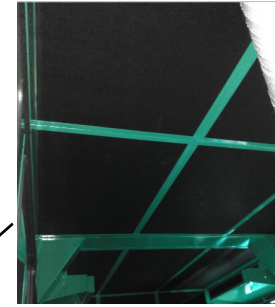
Coolant filling access



Flexible compensators & hot parts protection



Soundproof material



Rigid doors



Turning locks



Noise & water proof air intake louvres



Cummins skid integrated

