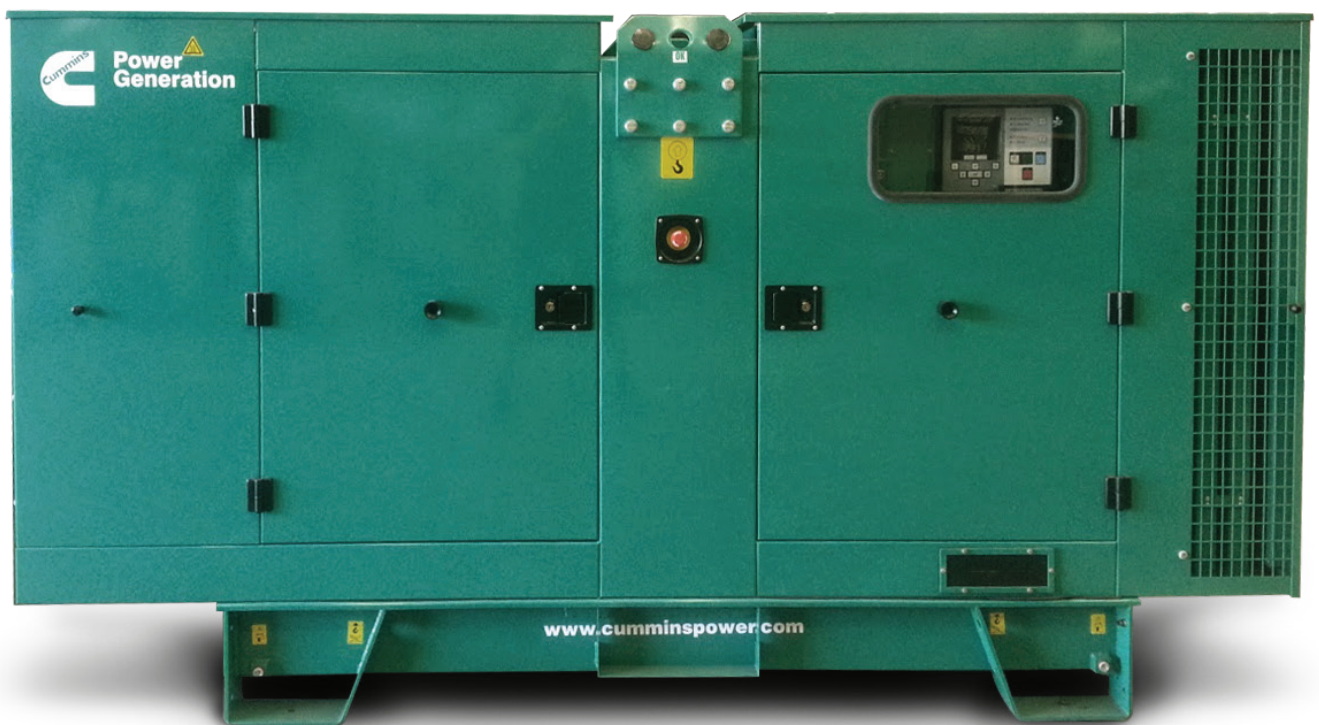


C450D5

GENERATOR SPECIFICATIONS



Cummins Power Generation C450D5
450 kVA Standby
409 kVA Prime



This Cummins® Power Generation commercial generator set is a fully integrated power generation system, providing optimum performance, reliability, and versatility for stationary standby, prime power, and continuous duty applications.

Cummins® heavy-duty engine - Rugged 4 cycle industrial diesel delivers reliable power, low emissions and fast response to load changes.

Optional excitation boost system (EBS) – Offers enhanced motor starting and fault clearing short circuit capability.

Alternator – Several alternator sizes offer selectable motor starting capability with low reactance 2/3 pitch windings; low waveform distortion with non-linear loads and fault clearing short-circuits capability.

Cooling system - Standard integral set-mounted radiator system, designed and tested for rated ambient temperatures, simplifies facility design requirements for rejected heat.

Control system – PowerStart control, microprocessor-based generator set monitoring and control system provides a simple operator interface to the generator set, manual and remote start/stop control and shutdown fault indication.

Enclosures - Optional weather-protective and sound-attenuated enclosure.

Warranty and service - Backed by a comprehensive warranty and worldwide distributor network.

Fuel consumption	Standby				Prime			
	kVA (kW)				kVA (kW)			
Ratings	450 (360)				409 (327)			
Load	1/4	1/2	3/4	Full	1/4	1/2	3/4	Full
gph	6.8	11.6	16.3	20.7	6.4	10.7	14.9	19.1
L/hr	31.0	52.7	74.0	94.2	29.3	48.6	67.9	86.8

Engine	Standby Rating	Prime Rating
Engine manufacturer	Cummins	
Engine model	QSX15 G8	
Configuration	4 Cycle; In-line; 6 Cylinder Diesel	

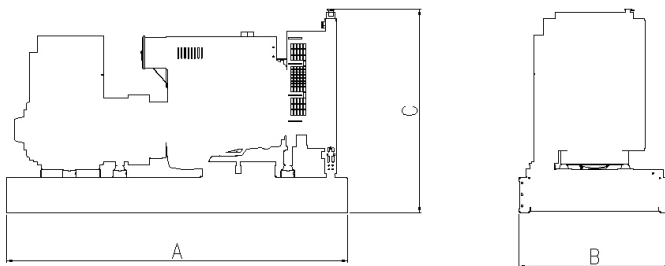
Weights*	Open	Enclosed
Unit dry weight kgs	3987	5292
Unit wet weight kgs	4825	6130

* Weights represent a set with standard features. See outline drawing for weights of other configurations

Dimensions	Length	Width	Height
Standard open set dimensions	3427	1500	2066
Enclosed set standard dimensions	5106	1553	2447

Genset outline

Open set



Enclosed set

