



Image shown may not reflect actual configuration

C13/C15/C18 Weather Protective Enclosures

U.S. Sourced
Diesel Generator Set
350-750 kW 60 Hz

Features

Robust / Highly Corrosion Resistant Construction

- Factory installed on skid base
- Environmentally friendly, polyester powder baked paint
- 14 gauge steel
- Interior zinc plated fasteners
- Exterior stainless steel fasteners
- Internally mounted exhaust silencing system
- Designed and tested to comply with UL 2200 Listed generator set package
- Compression door latches providing solid door seal

Excellent Access

- Large cable entry area for installation ease
- Accommodates side mounted single or multiple breakers
- Three doors on both sides
- Vertically hinged allow 180° opening rotation and retention with door stays
- Lube oil and coolant drains piped to the exterior of the enclosure base
- Radiator fill cove

Security and Safety

- Lockable access doors which give full access to control panel and breaker
- Cooling fan and battery charging alternator fully guarded
- Fuel fill, oil fill, and battery can only be reach via lockable access
- Externally mounted emergency stop button
- Designed for spreader bar lifting to ensure safety
- Stub-up area is rodent proof

Transportability

These enclosures are of extremely rugged construction to withstand outdoor exposure and rough handling common on many construction sites.

Options

- Caterpillar Yellow or white paint
- UL Listed integral fuel tank with 680, 400, and 300 gallon capacities
- UL Listed sub-base fuel tank with 660, 1000, 1900, and 2200 gallon capacities.
- Seismic certification per applicable building codes: IBC 2000, IBC 2003, IBC 2006, IBC 2009, IBC 2012, CBC 2007, CBC 2010
- IBC Certification for 150 mph wind loadin
- Anchoring details are site specific and ar dependent on many factors such as generator set size, weight, and concrete strength. IBC Certification requires that the anchorin system used is reviewed and approved by a professional engineer
- AC/DC lighting package

Weather Protective Enclosure Sound Levels

Model	Standby ekW	Cooling Air Flow Rate		Ambient Capability*		Sound Pressure Levels (dBA) at 7m (23 ft)
		m ³ /s	cfm	°C	°F	100% Load
C13	350	8.5	18010	54	129	87
	400	8.5	18010	53	127	88
C15	350	10.2	21542	60	151	86
	400	10.2	21542	58	136	86
	450	10.2	21542	53	127	87
	500	12.7	26910	55	131	87
C18	550	9.1	17234	52	126	86
	600	9.1	17234	50	122	87
	650	12.7	26909	46	114	87
	700	12.7	26909	46	114	87
	750	12.7	26909	46	114	87

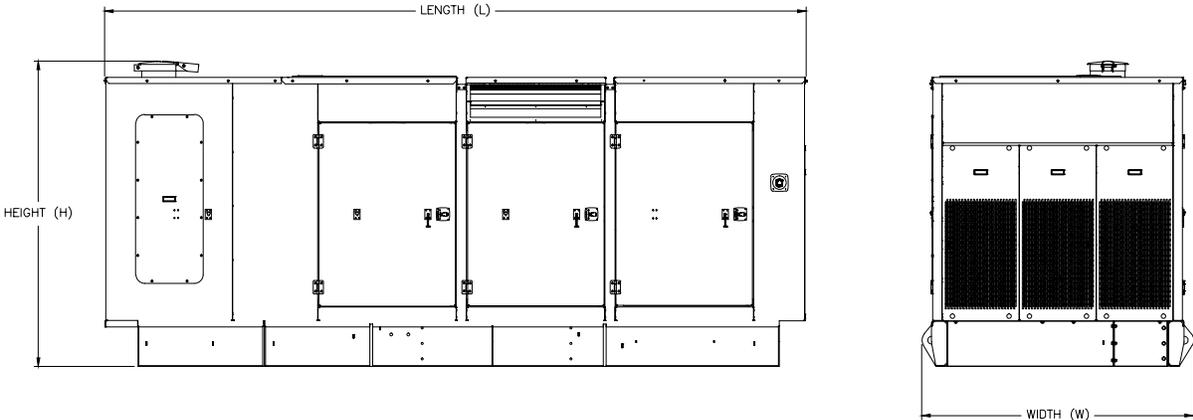
*Cooling system performance at sea level. Consult your Cat® dealer for site specific ambient and altitude capabilities

Note: Sound level measurements are subject to instrumentation, installation and manufacturing variability, as well as ambient site conditions.

Component Weights to Calculate Package Weight

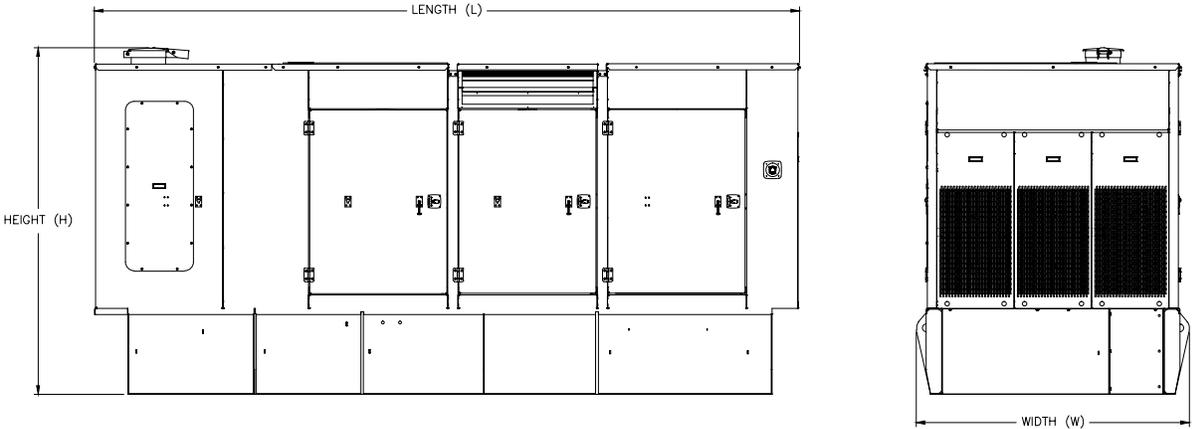
Model	Standby ekW	Narrow Skid Base		Wide Skid Base		Weather Protective Enclosure	
		kg	lb	kg	lb	kg	lb
C13	350	253	578	579	1276	1166	2570
	400						
C15	350	273	602	563	1241	1166	2570
	400						
	450						
	500						
C18	550	301	664	563	1241	1222	2693
	600						
	650	286	630	637	1404	1273	2806
	700						
	750						

Weather Protective Enclosure Dimensions on Skid Base



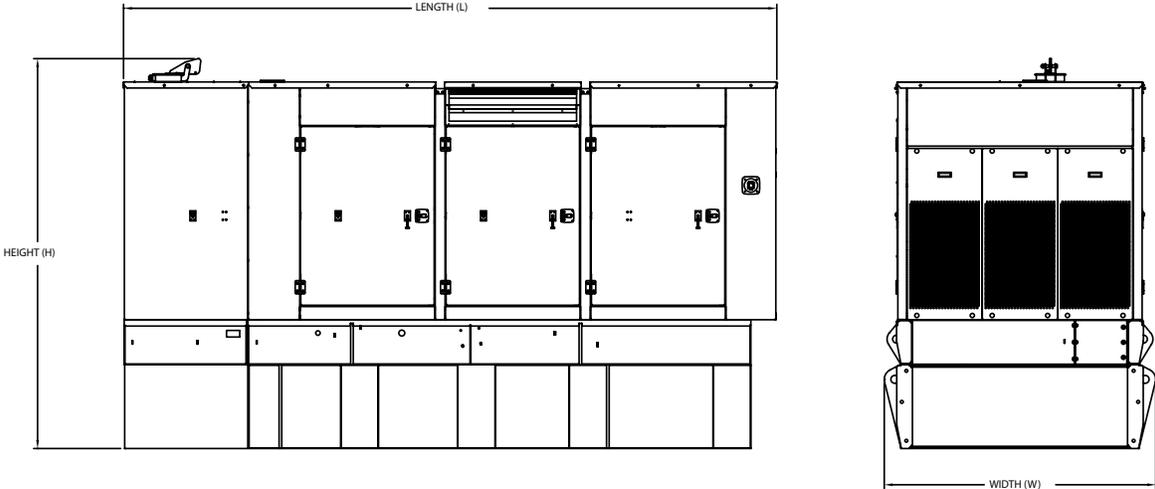
Model	Standby ekW	Length "L"		Width "W"		Height "H"	
		mm	in	mm	in	mm	in
C13	350	4948	194.8	2014	79.3	2320	91.3
	400						
C15	350	4948	194.8	2014	79.3	2320	91.3
	400						
	450						
	500						
C18	550	5183	204.0	2014	79.3	2320	91.3
	600						
	650	5230	205.9	2315	91.1	2553	88.7
	700						
	750						

Weather Protective Enclosure Dimensions on a UL Listed Integral Fuel Tank Base



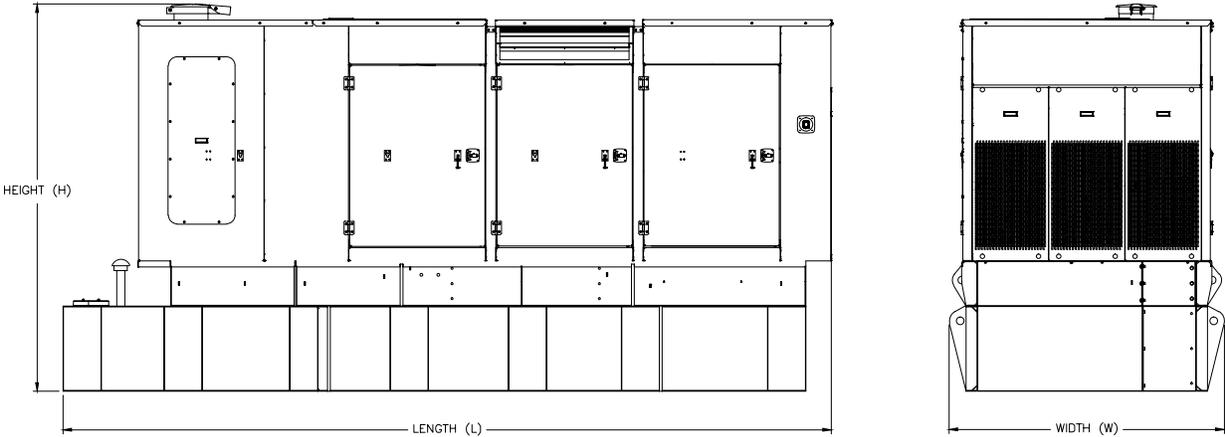
Model	Standby ekW	Length "L"		Width "W"		Height "H"	
		mm	in	mm	in	mm	in
C13	350	5461	215.0	2014	79.3	2743	108.0
	400						
C15	350	4948	194.8	2014	79.3	2619	103.0
	400						
	450						
	500						
C18	550	5183	204.0	2014	79.3	2561	101.0
	600						
	650	6977	274.7	2315	91.9	2675	105.3
	700						
	750						

Weather Protective Enclosure Dimensions on a UL Listed 660 Gallon Sub-Base Fuel Tank Base



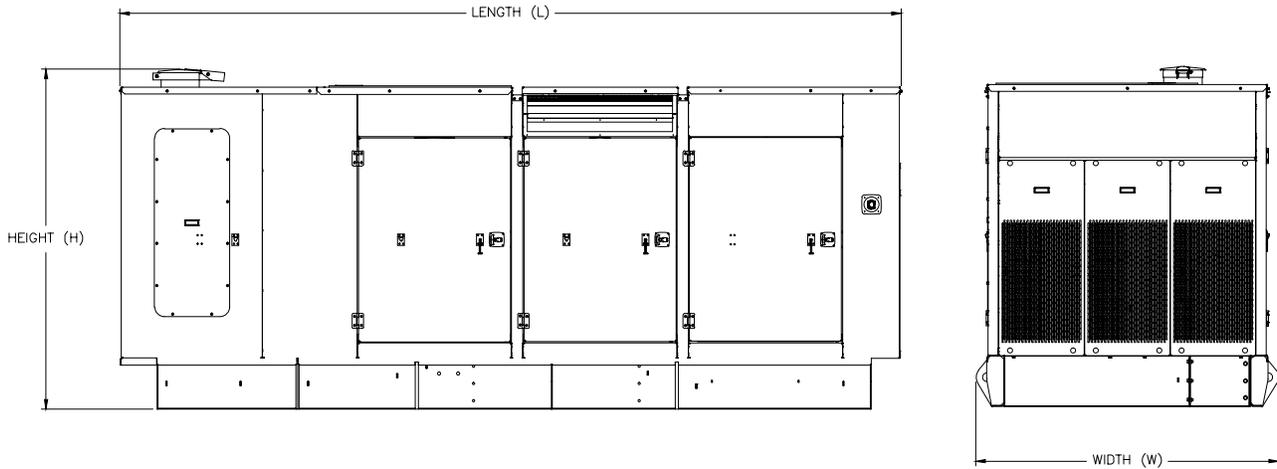
Model	Standby kW	Length "L"		Width "W"		Height "H"	
		mm	in	mm	in	mm	in
C13	350	4948	194.8	2056	80.9	2955	116.3
	400						
C15	350	4948	194.8	2056	80.9	2955	116.3
	400						
	450						
	500						
C18	550	5184	204.1	2056	80.9	2897	114.1
	600						

Weather Protective Enclosure Dimensions on a UL Listed 1000 Gallon Sub-Base Fuel Tank Base



Model	Standby kW	Length "L"		Width "W"		Height "H"	
		mm	in	mm	in	mm	in
C13	350	5751	226.4	2056	80.9	2955	116.3
	400						
C15	350	5751	226.4	2056	80.9	2955	116.3
	400						
	450						
	500						
C18	550	5747	226.3	2056	80.9	2897	114.1
	600						

Weather Protective Enclosure Dimensions on a UL Listed 1900 and 2200 Gallon Sub-Base Fuel Tank Base



Model	Standby ekW	Length "L"		Width "W"		Height "H"	
		mm	in	mm	in	mm	in
C13	350	6382	251.2	2056	80.9	3209	126.3
	400						
C15	350	6382	251.2	2056	80.9	3209	126.3
	400						
	450						
	500						
C18	550	7271	286.2	2056	80.9	3151	124.1
	600						

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