



## C13 / C15 / C18 WEATHER PROTECTIVE ENCLOSURES

US Sourced  
Diesel Generator Set  
350 – 600 kW 60 Hz

Image shown may not reflect actual configuration

### 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 cover

#### 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 reached 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 670, 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 loading
- Anchoring details are site specific and are dependent on many factors such as generator set size, weight, and concrete strength. IBC Certification requires that the anchoring 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 <sup>3</sup> /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	66	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

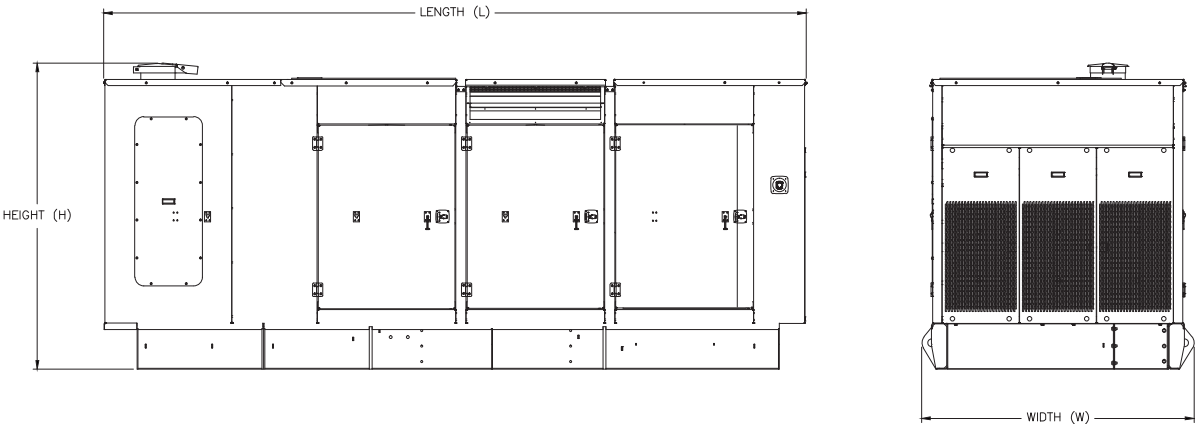
\*Cooling system performance at sea level. Consult your Cat® dealer for site specific ambient and altitude capabilities.

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

## Component Weights to Calculate Package Weight

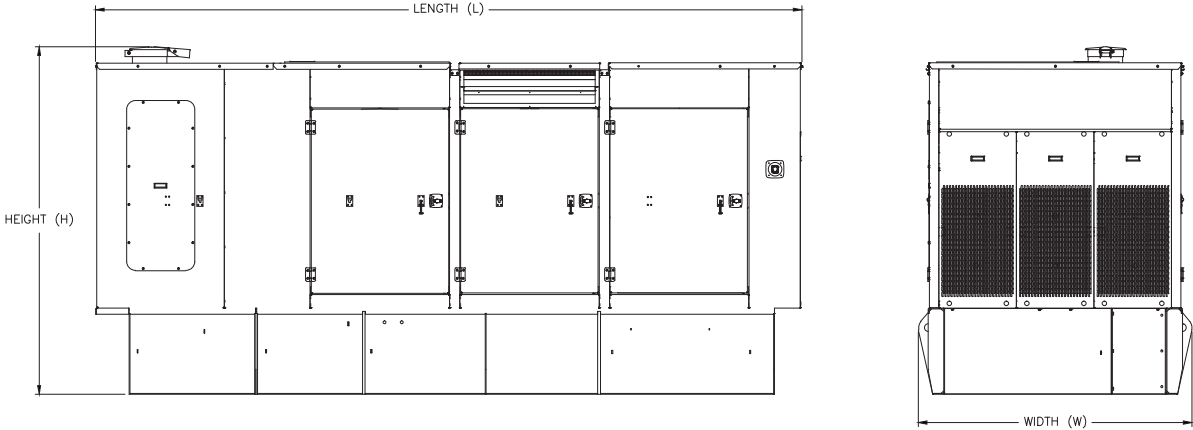
Model	Standby ekW	Narrow Skid Base		Wide Skid Base		Weather Protective Enclosure	
		kg	lb	kg	lb	kg	lb
C13	350	253	578	579	1276	TBD	TBD
	400						
C15	350	273	602	563	1241	TBD	TBD
	400						
	450						
	500						
C18	550	301	664	563	1241	TBD	TBD
	600						

**Weather Protective Enclosure Dimensions on Skid Base**



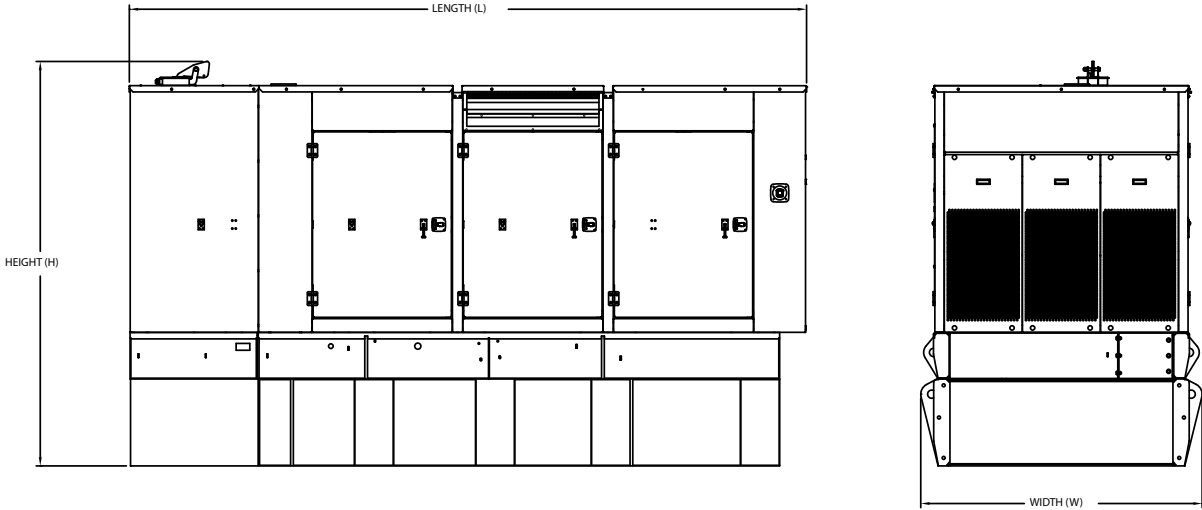
Model	Standby ekW	Length "L"		Width "W"		Height "H"	
		mm	in	mm	in	mm	in
C13	350	4948	194.8	2014	79.3	2320	91.3
	400						
C15	350	4948	194.8	2014	79.3	2320	91.3
	400						
	450						
C18	550	5183	204.0	2014	79.3	2320	91.3
	600						

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



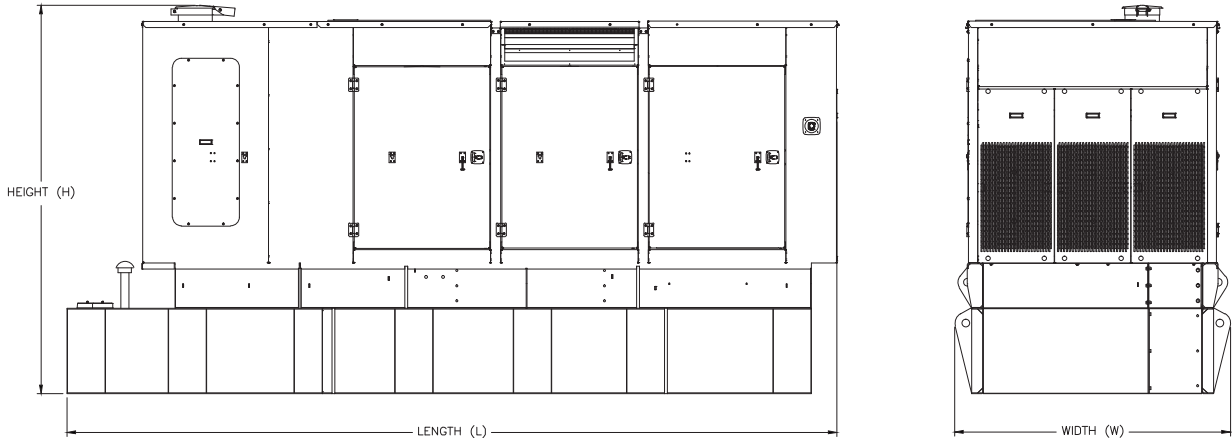
Model	Standby ekW	Length "L"		Width "W"		Height "H"	
		mm	in	mm	in	mm	in
C13	350	5461	215.0	2014	79.3	2743	108.0
	400						
C15	350	4948	194.8	2014	79.3	2619	103.0
	400						
	450						
	500						
C18	550	5183	204.0	2014	79.3	2561	101.0
	600						

**Weather Protective Enclosure Dimensions on a UL Listed 643 Gallon Sub-Base Fuel Tank Base**



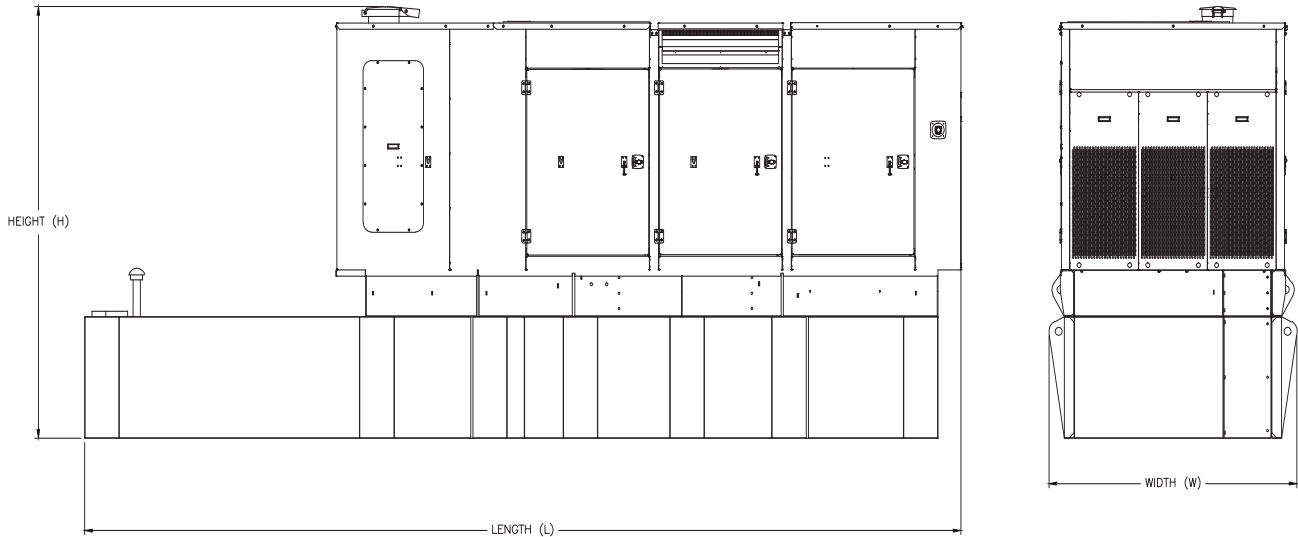
Model	Standby ekW	Length "L"		Width "W"		Height "H"	
		mm	in	mm	in	mm	in
C13	350	4948	194.8	2056	80.9	2955	116.3
	400						
C15	350	4948	194.8	2056	80.9	2955	116.3
	400						
	450						
C18	550	5184	204.1	2056	80.9	2897	114.1
	600						

**Weather Protective Enclosure Dimensions on a UL Listed 1024 Gallon Sub-Base Fuel Tank Base**



Model	Standby ekW	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						
	500						
C18	550	5747	226.3	2056	80.9	2897	114.1
	600						

### Weather Protective Enclosure Dimensions on a UL Listed 1996 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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