

C18 WEATHER PROTECTIVE ENCLOSURES

Griffin 50 Hz/60 Hz

These weather protective, factory installed enclosures include critical level silencers*, designed for safety and aesthetic value on fabricated steel skid bases. Optional UL listed tanks are available. These enclosures are of extremely rugged construction to withstand exposure to the elements of weather.

* Shipped loose

Picture not available

FEATURES

ROBUST/HIGHLY CORROSION RESISTANT CONSTRUCTION

- Approved for use with UL 2200 listed generator set packages
- Environmentally friendly, polyester powder baked paint
- Zinc plated or stainless steel fasteners
- Top mounted critical exhaust silencing system (System shipped loose for installation at site.)
- 14 gauge steel

EXCELLENT ACCESS

- Large cable entry area for installation ease
- Accommodates optional rear-mounted breaker
- Double doors on both sides
- Vertically hinged doors allow 180° opening rotation
- Lube oil and coolant drains piped to exterior
- Radiator fill cover

SECURITY AND SAFETY

- Lockable access doors with standard key utilization
- Cooling fan and battery charging alternator fully guarded
- Fuel fill, oil fill, coolant and battery can only be reached via lockable access
- Stub-up cover sheets for "rodent proofing"
- Externally mounted emergency stop button
- Designed for spreader-bar lifting to ensure safety
- Control panel viewing window

OPTIONS

- Yellow, white, beige or ASA 61 gray paint
- Interior lighting system
- UL listed integral fuel tank
- Skid base
- Dual breakers (second breaker mounted on right hand side)



ENCLOSURE OPERATING CHARACTERISTICS

60 Hz WP Enclosure 1 Breaker			Ambient Capability*		Airflow Rate		Sound Pressure Levels dBA @ Full Load			Exhaust Back Pressure	
ekW	kVA	PP/SB	°C	°F	m ³ /s	cfm	1 m	7 m	15 m	in/H ₂ O	kPa
600	750	SB	47	117	10.5	22,248	98.3	86.5	80.5	N/A	N/A
545	681	PP	45	113	10.5	22,248	97.7	86.0	80.0	N/A	N/A
550	688	SB	50	122	10.5	22,248	97.8	86.0	80.0	N/A	N/A
500	625	PP	48	118	10.5	22,248	97.3	85.6	79.6	N/A	N/A

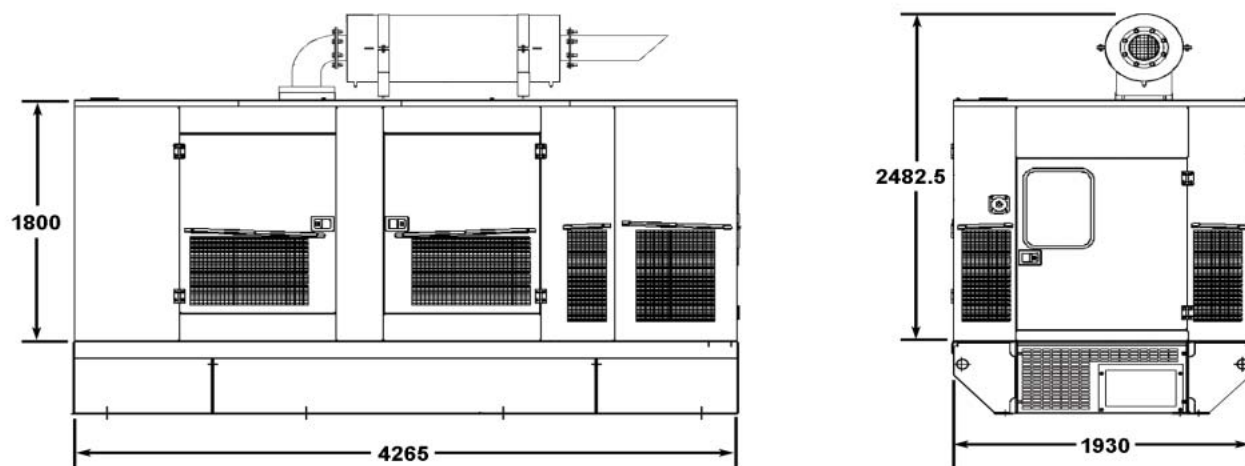
*Ambient measured with Caterpillar Extended Life Coolant

60 Hz WP Enclosure 2 Breaker			Ambient Capability*		Airflow Rate		Sound Pressure Levels dBA @ Full Load			Exhaust Back Pressure	
ekW	kVA	PP/SB	°C	°F	m ³ /s	cfm	1 m	7 m	15 m	in/H ₂ O	kPa
600	750	SB	47	117	10.1	21,401	98.3	86.5	80.5	N/A	N/A
545	681	PP	46	115	10.1	21,401	97.7	86.0	80.0	N/A	N/A
550	688	SB	51	124	10.1	21,401	97.8	86.0	80.0	N/A	N/A
500	625	PP	49	120	10.1	21,401	97.3	85.6	79.6	N/A	N/A

*Ambient measured with Caterpillar Extended Life Coolant

50 Hz WP Enclosure 1 Breaker			Ambient Capability*		Airflow Rate		Sound Pressure Levels dBA @ Full Load			Exhaust Back Pressure	
ekW	kVA	PP/SB	°C	°F	m ³ /s	cfm	1 m	7 m	15 m	in/H ₂ O	kPa
560	700	SB	50	122	8.4	17,799	97.2	87.2	81.2	7.03	1.75
508	635	PP	51	124	8.4	17,799	96.6	87.0	81.0	6.10	1.52
520	650	SB	55	131	8.4	17,799	96.7	87.0	81.0	6.34	1.58
473	591	PP	55	131	8.4	17,799	96.2	86.8	80.8	5.58	1.39
480	600	SB	59	138	8.4	17,799	96.3	86.9	80.9	5.70	1.42
436	545	PP	59	138	8.4	17,799	95.8	86.6	80.6	4.94	1.23
440	550	SB	64	147	8.4	17,799	95.9	86.6	80.6	5.02	1.25
400	500	PP	63	145	8.4	17,799	95.5	86.4	80.4	4.38	1.09

*Ambient measured with Caterpillar Extended Life Coolant



Approximate weight of enclosure: 735 kg (1,620 lb)

Caterpillar is pleased to offer these additional generator set enclosure colors: white, bright beige, and ASA 61 gray. (Caterpillar yellow is standard color.)

This page intentionally left blank.

Information contained in this publication may be considered confidential.
Discretion is recommended when distributing.
Materials and specifications are subject to change without notice.
CAT, CATERPILLAR, their respective logos and "Caterpillar Yellow" and the POWER EDGE
trade dress, as well as corporate and product identity used herein, are trademarks
of Caterpillar and may not be used without permission.

www.cat-electricpower.com

© 2008 Caterpillar
All Rights Reserved.
Printed in U.S.A.