

CUSTOM POWER ENCLOSURES AND CONTAINERS

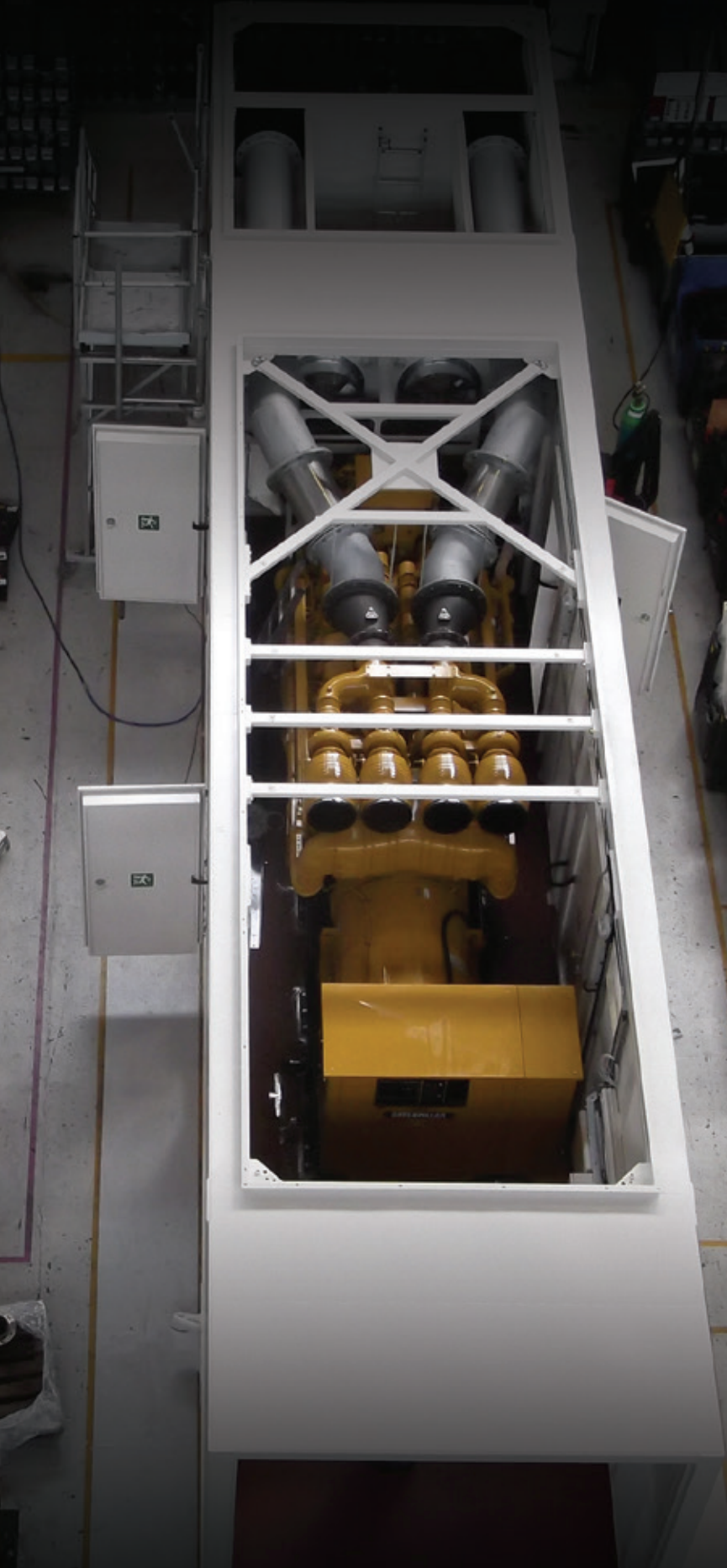


Whatever your requirements...

Caterpillar designs and manufactures enclosures specifically for your Cat® generator set, from standard ISO containers to oversized structures designed to meet your exacting requirements. Here you will find information about our most popular enclosure and container models.

Our experienced engineers work with you to design a packaging solution tailored to your unique specifications. Whether you need protection for your Cat generator set from the sub-zero temperatures of the Arctic Circle or the blistering heat of the Sahara, our innovative enclosure design will ensure robust protection from the harshest environments with optimum shipping and space considerations.





Features and Benefits

1. ISO CONTAINER

Container dimensions to ISO standard or designed to order

2. NOISE LEVELS

Sound attenuation levels not limited to 65 dBA @ 1 m

3. CE CERTIFIED WITH CSC PLATING

Containers and all components meet CE Standards

4. FULLY ACCESSIBLE

Dedicated service doors facilitate easy access to all major components during routine maintenance

5. RAL 9001 PAINT FINISH

High performance 2-pack primer / finish paint system provides weather resistant, high gloss finish

6. NON-SLIP FLOORING

Fully metal flooring with non-slip heavy duty surface paint

7. FULLY BUNDED DEFRA COMPLIANT FLOORING

Fully banded floor with capacity for all engine oil, coolant and on-board fuels fully compliant with UK DEFRA requirements

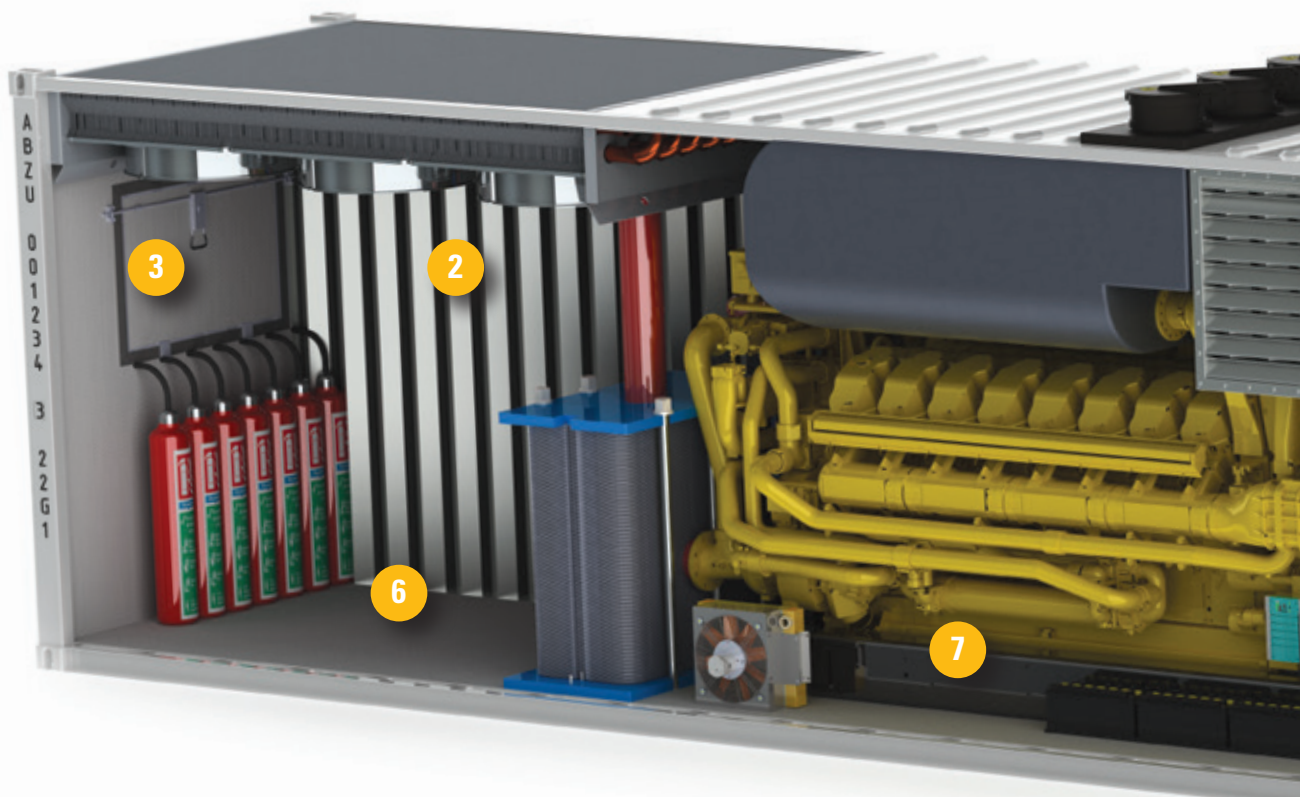
8. ROBUST DESIGN

Protection from the elements in even the harshest environments

- Enclosures generally constructed from structural steel to EN10025, galvanized / electro-zinc coated steel sheet to EN10346 and EN10152

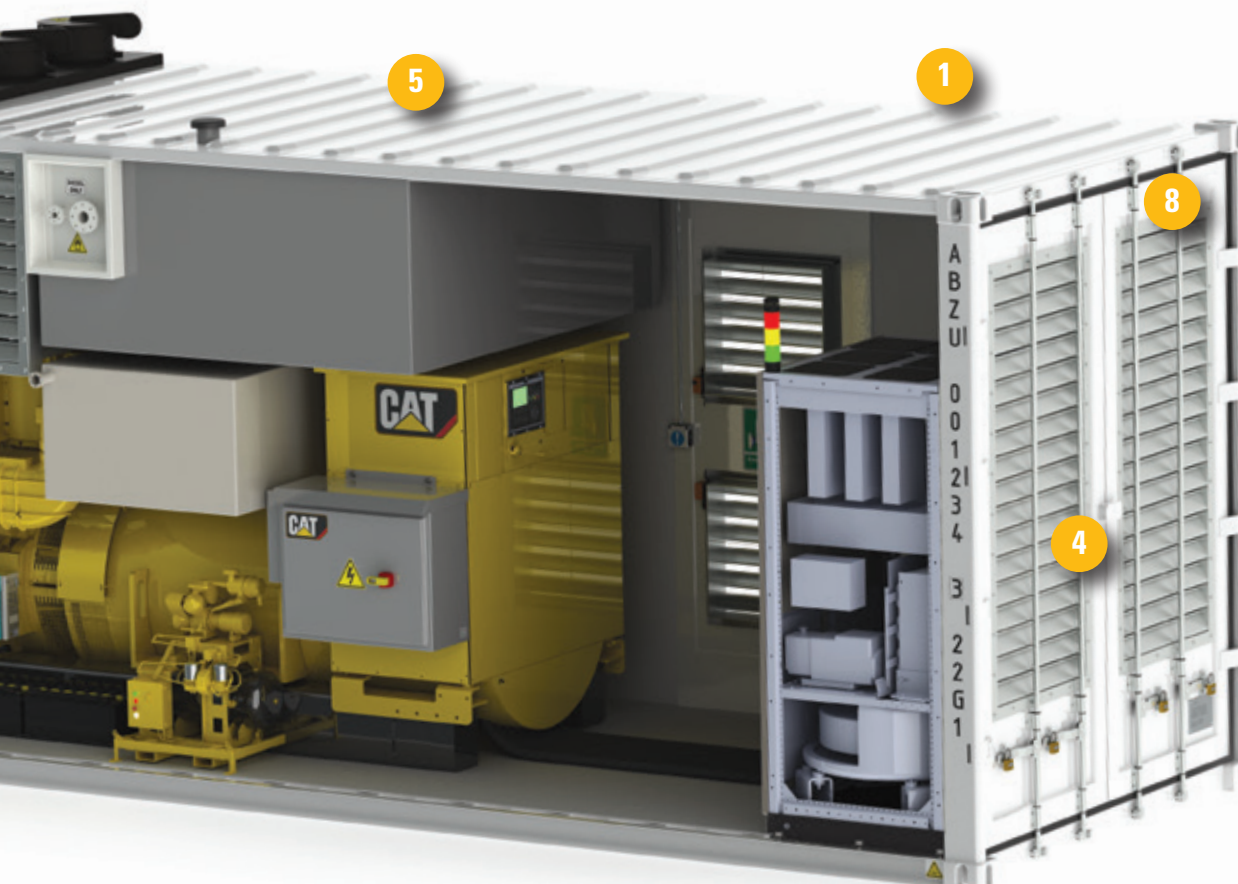
- All structural steel shot blasted to SA2.5 before paint applied

- All welding carried out in accordance with 3rd party approved procedures in conjunction with appropriate in-house non-destructive test procedures



Options

- Non-standard and special paint colors available
- Cylindrical single or double skin bulk fuel tank
- Refilling pump
- External fuel connections
- Lube oil top up system
- External lube oil drain connections
- External spark arrestor
- Space heating and motorized louvers
- Automatic fire detection and suppression system
- Sound attenuated side inlet vents for air filters
- Engine closed crankcase ventilation system
- Hand-held fire extinguishers
- Lube oil heater
- Single phase socket outlet, 13A RAC or 16A Ceeform
- Emergency battery backup lighting with manual test switch
- Generator controls
- Low ambient operation
- Unpackaged container options
- Factory witness testing
- Modification for MV generator sets



ISO Containers

Below are the details of just some of our most popular container models and the Cat generator set models with which they are compatible.

ISO CONTAINER SIZES	ENGINE MODELS	kVA PRIME	kVA STANDBY	FUEL TANKS	SOUND LEVELS
20'x8'x8'6"	C15/C18	455/500/550 600/635/770	500/550/605/660/ 715/780/850	Please consult your dealer	83 dB(A) @ 1 m
20'x8'x9'6"	3412	680/725/810	750/800/900	1000 L	77 dB(A) @ 1 m
20'x8'x9'6"	C32	1000/1100	1100/1250	365 L	85 dB(A) @ 1 m
C32 Power Density Energy Container 20'x8'x9'6" (shipping) 24'x8'x9'6" (installation)	C32		1400/1500	NA	85 dB(A) @ 1 m
40'x8'x9'6"	C32		1400/1500	1600 L (option)	TBC
40'x8'x9'6"	3512MUI, 3512B	1150/1275/ 1360/1500	1250/1400/ 1500/1600	1600 L (option)	82 dB(A) @ 1 m
40'x8'x9'6"	3512BHD	1600/1700	1750/1875	1600 L (option)	85 dB(A) @ 1 m
40'x8'x9'6"	3516MUI, 3516B, 3516BHD	1825/2000/2275	2000/2250/2500	NA	82 dB(A) @ 1 m
45'x8'x9'6"	3516MUI, 3516B, 3516BHD	1825/2000/2275	2000/2250/2500	1300 L (option)	85 dB(A) @ 1 m

Flexibility in Design

Unique to the Caterpillar enclosure range is our "energy container." This innovative design features a four-foot outlet extension that folds inside the container for shipping, unfolding at site to serve as a vertical discharge chamber upon commissioning.

This functionality means customers can select the Cat C32 generator set as a standby power solution within a compact enclosure without compromising on power output of up to 1,500 kVA. No need to sacrifice space for power!



Stage 1



Stage 2



Stage 3



Stage 4

Custom Power Support

Our highly skilled team will support you through every aspect of your power journey. Working with you to gain a full appreciation of your power needs, our sales support, design engineers, and project managers will guide you through the specification, design and build of your tailored power solution and enclosure.

We are committed to providing the products and support to keep the power on. That's why your power solution comes with support from our renowned global dealer network. Your Cat dealer will address all of your product support needs, from parts identification to preventive maintenance and protection options.

As you have come to expect and for total peace of mind, your Cat custom enclosure comes with the same warranty terms and conditions as your Cat generator set.

The products you count on come from people who care...Demand Cat.





To learn more about the advantages of Cat enclosures and our full product range visit www.cat.com/custompowersolutions