

Cat[®] Electronic Modular Control Panel (EMCP) 4 and Upgrade Kits



Upgrade and Expand Older EMCP 2 and 3 Functionality with EMCP 4 Panels and Upgrade Kits

EMCP 4 panels and upgrade kits offer expanded capabilities driven by current hardware and software technology as an upgrade for non-current equipment. Cat[®] upgrade kits are preferred when upgrading from EMCP 2 and competitive genset controllers. EMCP 4.2 and 4.2B panels are ideal when upgrading from EMCP 3 panels.

EMCP 4 Upgrade Benefits:

- Less unplanned downtime
- Improved usability
- Peace of mind
- Expanded options
- Enhanced safety options



Cat EMCP 4 Panels and Upgrade Kits

Why Replace Panel?

An EMCP 4.2 or 4.2B panel uses the same electrical connector and mounting dimensions as an EMCP 3, making upgrades quick and easy. All other panel replacement scenarios without an upgrade kit demand substantial time, effort, and parts for successful installation.

Why Upgrade Kit?

Cat EMCP 4 Upgrade Kits are ideal when updating EMCP 2 and prior Cat panels as well as competitive panels. Upgrade Kits are also a good solution when upgrading from an EMCP 3 panel to EMCP 4.3 or 4.4. A variety of upgrade kits are available for EMCP 4.2, EMCP 4.2B, EMCP 4.3, and EMCP 4.4. Kits are available ready to mount within an existing enclosure or as full enclosures with components already installed.

EMCP 4 Upgrade Benefits

Less unplanned downtime

- Replacing a control panel older than 10 years can help reduce the risk of unplanned downtime. A control panel is critical to a generator set's ability to run when needed.
- The EMCP 4 supports Start Signal Monitoring which continually monitors the integrity of the start signal wiring, helping to ensure the genset will start when called upon.

Improved usability

- EMCP 4 has a more intuitive interface requiring less in-depth expertise to operate.
- In the case that there's a fault with the generator, EMCP 4 allows for quicker of identification and diagnosis of the fault.
- The EMCP 4 allows for faster fault clearing, resulting in a quick return to normal operation.

Peace of mind

- EMCP 4 enables Cat Connect telematics to be more capable than ever before. Be confident that your generator is in Auto mode and ready to run when needed.
- Learn more about Cat Connectivity and the benefits at cat.com/catconnect

Expanded options

- EMCP 4.3 has an enhanced interface with a large 5.5 inch screen.
- EMCP 4.4 adds multiple generator paralleling and utility paralleling.
- Contact your local Cat dealer to learn more about these expanded options at www.cat.com/dealer-locator

Safety

- EMCP 4 has an arc flash energy reducing maintenance mode.
- When enabled, the arc flash energy reducing mode helps provide additional safety for personnel working on or around the genset.



CAT DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT

We offer you the right parts and service solutions, when and where you need them.

The Cat dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.

Contact your local Cat dealer to learn more about these expanded options at www.cat.com/dealer-locator

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