

# Cat<sup>®</sup> Electronic Modular Control Panel (EMCP) 4.3 Upgrade Kit



## Upgrade and Expand EMCP Functionality with EMCP 4.3 Upgrade Kit

The EMCP 4.3 Upgrade Kit offers expanded capabilities driven by current hardware and software technology as an upgrade for non-current equipment. Cat<sup>®</sup> upgrade kits are preferred when upgrading from EMCP 1.x, 2.x, 3.x, or competitive genset controllers.

### EMCP 4.3 Upgrade Kit Benefits:

- Most cost-effective solution for obsolete panel replacement
- Newest generation panel
- Cat Connect ready
- Backed by Caterpillar and its dealers
- Simple, user-friendly interface and navigation



# Cat Electronic Modular Control Panel Upgrade Kits

## Why Upgrade Kit?

Cat EMCP 4.3 Upgrade Kits are ideal for updating an existing panel where the shell/panel box stays intact and all the parts inside are replaced. This cost-effective solution still allows for customizable parameters, programmable inputs/outputs, and configurable outputs. This kit has the latest EMCP Gen 4 technology and functionality, including an Integrated Voltage Regulator (IVR) that has all the functionality of the Cat Digital Voltage Regulator (CDVR) when paired with an optional excitation module (EM10: 467-1361 or EM15: 473-5157).

## EMCP 4.3 Upgrade Kit Features

- Expanded engine/generator protection, control, and monitoring
- Real-time clock
- Programmable cycle timer and kW relay
- Power metering ( $\pm 1\%$  accuracy) and protective relaying
- Tier 4 integration
- Communication (CAN2, RS-485 annunciator, RS-485 SCADA)
- Basic programmable logic
- 5.5-inch display
- Ethernet and Cat Data Link communication
- Switchgear integration
- Status event log
- (12) programmable digital inputs, (16) programmable digital outputs, and (5) programmable analog outputs

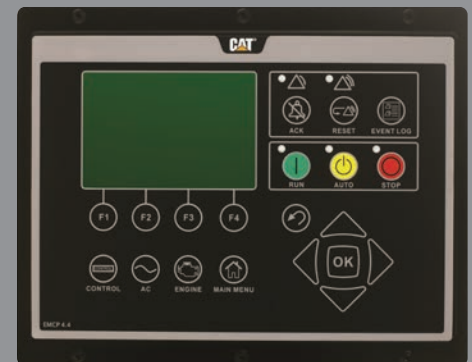
Part Number	Description
581-6553	EMCP 4.3 Upgrade Kit

## Service Information

Contact your local dealer for service information or download via SIS Web: M0107220 – Special Instructions, Installation Procedure for EMCP 4.3 Upgrade Kit.

## Contact Information

For more information on product details, ordering, and industry solutions, contact your local dealer.



## 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 entire fleet up and running to maximize your equipment investment.



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