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® 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
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 (±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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>581-6553</td>
<td>EMCP 4.3 Upgrade Kit</td>
</tr>
</tbody>
</table>

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.