

AbleEdge Microgrid Interconnect Device (MID)

Provides transition from grid outage to backup energy storage system (ESS).

- Series switch for whole-home grid isolation
- Synchronous reconnect capable to reduce customer downtime
- Reduced installation time and cost with retrofit compatibility
 - Complete field install kit to include new panel cover
- Factory installed in Multi-source and Critical Load panel designs
- Wired communication with ESS
 - Report metering to ESS
 - Fast response time to ESS islanding trigger signal
- Metering (net metering, event detection)
 - Line and load side voltage detection
 - Series current L1, L2, N



Microgrid Interconnect Device (MID)



MID retrofit application



Powering Business Worldwide

Technical Specifications

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| Catalog number | AMID2200CAN |
| Communication | CAN-Serial |
| Installation | Factory and retrofit |
| Indication | Voltage-presence and system status |
| Ambient operating temperature | -30 °C to +50 °C |
| Voltage rating | 120/240 V split-phase |
| Nominal Amp rating | 200A |
| Nominal frequency | 60Hz |
| Short CKT withstand | 25kA for 12msecs with CSR breaker upstream |
| Metering accuracy | ±0.2% per ANSI C12.1 |
| Power supply | External 12/24VDC |
| Clearing time | 16msecs |
| Manual override | Yes |
| Relevant standards | <ul style="list-style-type: none">- UL1741- UL67- UL508- UL60730-H- ANSI C12.1 |

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| Retrofit compatibility SKUs | <ul style="list-style-type: none">- MBE2040PV125BTF- MBE2040PV125BTS- MBE20PV125BTF- MBE20PV125BTS- MBE2040B200BTF- MBE2040B200BTS- MBE2040B200BTFV- MBE2040PV200BTF- MBE2040PV200BTS- MBE20B200BTF- MBE20B200BTS- MBE20B200BTSV- MBE20PV200BTF- MBE20PV200BTS- MBED2040PV125BF- MBED2040B200BF- MBED2040PV200BF- MBED3042B200BF- MBED3042PV200BF |
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Factory installed MID - Multi-source panel



Factory installed MID - Critical loads panel

Contact the Eaton Technical Resource Center at
1-877-ETN-CARE (386-2273)
option 2, option 9 for further assistance.