

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 Combiner Box 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

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

Retrofit compatibility SKUs

- MBE2040PV125BTF
- MBE2040PV125BTS
- MBE20PV125BTF
- MBE20PV125BTS
- MBE2040B200BTF
- MBE2040B200BTS
- MBE2040B200BTFV
- MBE2040PV200BTF
- MBE2040PV200BTS
- MBE20B200BTF
- MBE20B200BTS
- MBE20B200BTSV
- MBE20PV200BTF
- MBE20PV200BTS
- MBED2040PV125BF
- MBED2040B200BF
- MBED2040PV200BF
- MBED3042B200BF
- MBED3042PV200BF



Factory installed MID - Combiner box 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.