

# Maximize Power Efficiency with MCC's Glass Passivated Diode Modules

MD240C08D2-BP  
MD240C12D2-BP  
MD240C16D2-BP  
MD240C18D2-BP

## Glass Passivated Diode Modules



### Features

- Glass passivated chip technology
- D2 package
- Provides excellent heat transfer through the metal baseplate
- Blocking voltage range from 800V to 1800V
- Supports high forward current capability and reverse blocking voltage



### Benefits

Metal base plate provides excellent heat transfer, ensuring efficient and reliable operation, even under high-stress conditions.

High forward current capability and reverse blocking voltage ranging from 800V to 1800V make these modules ideal for effective power.

Each diode is integrated into the D2 package, reducing overall board size and cost while opening up design possibilities where space is limited.

### Applications



Battery Charging Systems



Uninterrupted Power Supply Systems

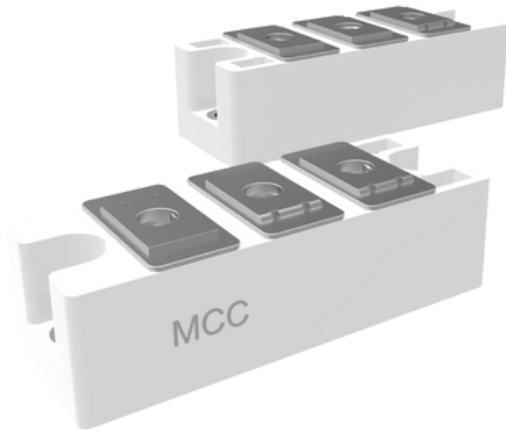


Solar Inverters



## HIGH SURGE CURRENTS HAVE MET THEIR MATCH IN OUR 240A POWER DIODE MODULES

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## Parametrics & Datasheets:

Product	Working Peak Reverse Voltage	Average Forward Current	Forward Peak Surge Current	Forward Voltage Per Element VFM	Package Type	Datasheet
<a href="#">MD240C08D2-BP</a>	800V	240A	7550A	1.25V	D2	<a href="#">Info</a>
<a href="#">MD240C12D2-BP</a>	1200V	240A	7550A	1.25V	D2	<a href="#">Info</a>
<a href="#">MD240C16D2-BP</a>	1600V	240A	7550A	1.25V	D2	<a href="#">Info</a>
<a href="#">MD240C18D2-BP</a>	1800V	240A	7550A	1.25V	D2	<a href="#">Info</a>

## Applications:



**Battery Charging**



**Industrial**



**Renewable Energy**

- Battery charging systems
- Electrical vehicle charging systems

- Uninterrupted power supply (UPS) systems
- Switched-mode power supplies (SMPS)
- Industrial power supplies
- Motor drivers
- Welding equipment

- Solar inverters
- Wind turbines

**CONTACT MCC TO REQUEST A SAMPLE**

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