

# GBJ Series Bridge Rectifiers for Efficient AC to DC Conversion

## GBJ BRIDGE RECTIFIERS



### Features

- Low VF to cut conduction losses and heat
- Up to 98% lower reverse leakage
- Better standby efficiency and reliability
- High surge current capability
- Advanced planar junction technology
- Compact GBJ package for PCB space savings
- PolyVoltage options 600 V and 800 V
- Current options 15 A, 25 A, 35 A



### Benefits

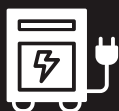
Low VF and up to 98% lower reverse leakage cut conduction and standby losses, improving overall efficiency, relaxing thermal constraints, and helping you hit stringent standby power targets.

High surge current capability and robust GBJ package geometry increase tolerance to line transients and inrush events, improving field reliability and reducing derating margins in compact, high-density designs.

### Applications



LED drivers



Battery  
chargers

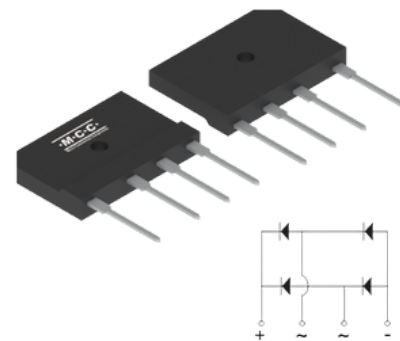


Solar  
inverter



## Compact GBJ Bridge Rectifiers for Cooler, Longer Lasting Systems

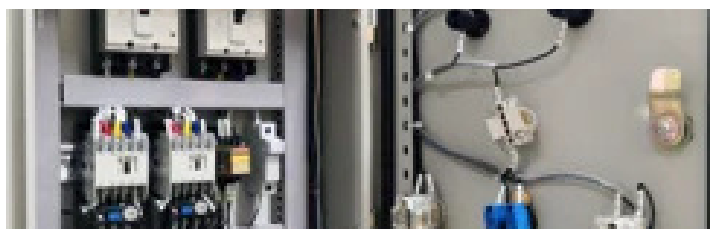
# Low VF, Low Leakage, High Surge in a Compact GBJ Package



## Product Attributes, Parametrics & Datasheets

Product	Type	Package	Voltage - Peak Reverse VRWM	Average Rectified Forward Current IF(AV)	Mounting Type	Datasheet
<a href="#">GBJ25L08A</a>	Bridge Rectifiers	GBJ	800V	25A	Through Hole	<a href="#">Info</a>
<a href="#">GBJ35L08</a>	Bridge Rectifiers	GBJ	800V	35A	Through Hole	<a href="#">Info</a>
<a href="#">GBJ15L06</a>	Bridge Rectifiers	GBJ	600V	15A	Through Hole	<a href="#">Info</a>
<a href="#">GBJ25L06</a>	Bridge Rectifiers	GBJ	600V	25A	Through Hole	<a href="#">Info</a>
<a href="#">GBJ15L08</a>	Bridge Rectifiers	GBJ	800V	15A	Through Hole	<a href="#">Info</a>
<a href="#">GBJ25L08</a>	Bridge Rectifiers	GBJ	800V	25A	Through Hole	<a href="#">Info</a>

## Applications



### Power Conversion

- AC-to-DC converters
- SMPS (Switch-Mode Power Supplies)
- PFC front-end rectification
- LED drivers
- Industrial control power supplies
- Motor drive input rectifiers

### Energy and Backup

- UPS (Uninterruptible Power Supplies)
- Battery chargers
- Energy Storage System (ESS) chargers
- Solar inverter AC front-ends
- Generator-backed power systems

**CONTACT MCC TO REQUEST A SAMPLE**

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