

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
- Only Voltage 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



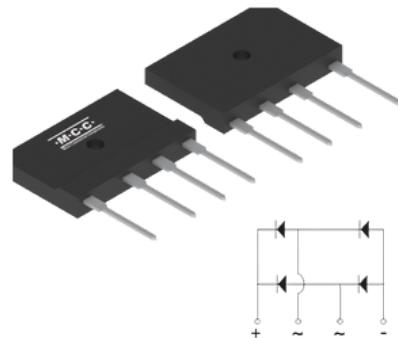
Solar inverter

GBJ Series Bridge Rectifiers for Efficient AC to DC Conversion



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
GBJ25L08A	Bridge Rectifiers	GBJ	800V	25A	Through Hole	Info
GBJ35L08	Bridge Rectifiers	GBJ	800V	35A	Through Hole	Info
GBJ15L06	Bridge Rectifiers	GBJ	600V	15A	Through Hole	Info
GBJ25L06	Bridge Rectifiers	GBJ	600V	25A	Through Hole	Info
GBJ15L08	Bridge Rectifiers	GBJ	800V	15A	Through Hole	Info
GBJ25L08	Bridge Rectifiers	GBJ	800V	25A	Through Hole	Info

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

mccsemi.com | +818.701.4933

