

**650V 40A/60A
ULTRA-FAST RECTIFIERS IN
TO-247AD PACKAGE**



Features

- High surge forward current capability for robust transient performance
- Soft recovery characteristics minimize oscillations and EMI
- High operating junction temperature $\leq 175^{\circ}\text{C}$
- Repetitive peak reverse voltage: 650V
- Suitable for high frequency operation
- TO-247AD package size



Benefits

Ultra-fast reverse recovery time reduces switching losses, resulting in higher overall energy efficiency for power conversion systems.

High surge forward current capability and elevated junction temperature tolerance ensure dependable operation during power surges and in high-temperature environments.

Applications



Battery
chargers



AC to DC
converters



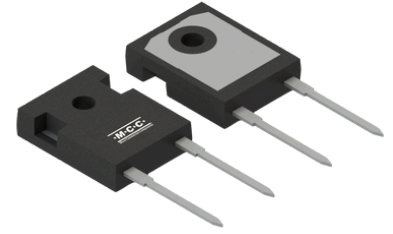
Solar inverters

**MCC's Newest
Ultra-Fast Rectifiers
650V 40A/60A in
TO-247AD Package**



Optimized for Ultra-Fast 50ns Recovery, Robust Surge Performance, & Low EMI

Consistent Performance & Long-Term Reliability on a Planar Structure Die



Product Attributes, Parametrics & Datasheets

Product	Type	Package	Voltage – DC Reverse (VR) Max	Current – Average Rectified	Mounting Type	Datasheet
MUR4065B	Super-Fast Recover Rectifiers	TO-247AD	650 V	40A	Through Hole	Info
MUR6065BL	Super-Fast Recovery Rectifiers	TO-247AD	650 V	60A	Through Hole	Info

Applications:



Energy Storage and Backup

- Uninterruptible Power Supplies (UPS)
- Battery chargers



Power Conversion

- AC to DC converters
- Switch Mode Power Supplies (SMPS)
- DC-DC converters
- Power factor correction (PFC) circuits



Industrial and Motor Control

- Motor drives
- Industrial automation systems



Renewable Energy

- Solar inverters
- Wind power systems

CONTACT MCC TO REQUEST A SAMPLE

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