



isoCink+™ Power Bridge Rectifiers

in BU and PB Packages



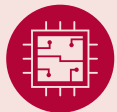
Reverse voltage:
600 V to 1000 V



Forward current
- BU series:
10 A to 25 A
- PB series:
30 A to 45 A



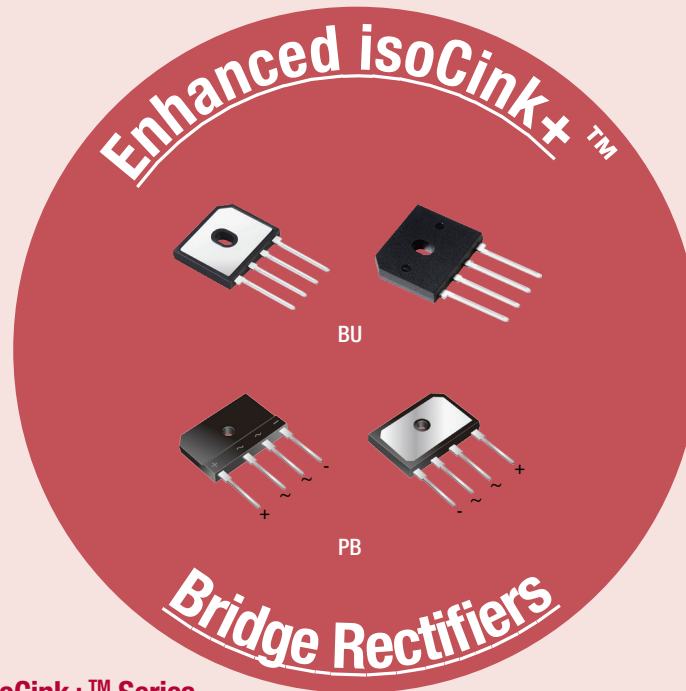
Operating temperature:
up to 175 °C



Circuit configuration:
in-line



**Glass passivated
chip junction**



APPLICATIONS

- Primary rectification circuit of switch mode power supplies and adaptors for desktop PCs, notebook PCs
- Primary rectification circuit for inverter-type home appliances, such as refrigerators, washing machines, air conditioners, and induction heater systems
- Regular server and AI server power supplies
- EV charging stations



isoCink+™ Series

Description	Part Number	V _{RRM} (V)	I _{F(AV)} (A)	T _J (°C)
BU Bridge	BU1006, BU1008, BU1010	600 to 1000	10	150
	BU1006A, BU1008A, BU1010A	600 to 1000	10	150
	BU1206, BU1208, BU1210	600 to 1000	12	150
	BU1506, BU1508, BU1510	600 to 1000	15	150
	BU2006, BU2008, BU2010	600 to 1000	20	150
	BU2506, BU2508, BU2510	600 to 1000	25	150
	BU25H06, BU25H08	600 to 8000	25	175
PB Bridge	PB3006, PB3008, PB3010	600 to 1000	30	150
	PB3506, PB3508, PB3510	600 to 1000	35	150
	PB4006, PB4008, PB4010	600 to 1000	40	150
	PB5006, PB5008, PB5010	600 to 1000	45	150

For technical questions: DiodesAmericas@vishay.com, DiodesEurope@vishay.com, or DiodesAsia@vishay.com