

Type BLS, 125°C DC Link Capacitors for Harsh Environments

85°C / 85% RH , 2000h @ V_r, AEC-Q200 Qualified

Type BLS DC Link capacitors use the most advanced construction and technology to meet the challenges of harsh environments with operating temperatures to 125°C. Tested for 2,000-hour at 85°C / 85% relative humidity with rated voltage applied (100% greater than competitive THB test life). The series is qualified to automotive-grade electrical and mechanical testing per standard AEC-Q200.



HIGHLIGHTED CAPABILITIES:

- High capacitance
- 125°C rated
- High ripple current
- Self-healing and low loss
- THB 85°C / 85% RH 2000 h at rated voltage



SPECIFICATIONS:

Capacitance Range	1 μF to 220 μF
Capacitance Tolerance	±10% standard, ±5% optional
Rated Voltage	450 to 1200 Vdc
Operating Temperature Range	–55°C to 125°C (85°C ~125°C, decreasing factor 1.25% per °C for Rated Voltage)
Life Expectancy	100,000 h @ 70°C hot spot, rated voltage
THB Rating	85°C / 85% RH - rated voltage - 2000 h

TYPICAL APPLICATIONS:

- Solar
- EV, and other inverters
- Backup
- UPS
- Portable power systems
- Motor drives
- Traction
- Other transportation systems

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