

Capacitor Life Comparison

Manufacturer	Model	Life Expectancy (hours)
Ducati	Modulo XD Mini	100,000
Frako	LKT basic	100,000
ABB	Qcap - Normal Duty	100,000
ABB	Qcap - Heavy Duty	115,000
AmpControl	Eco-Cap (oil filled, 25kvar)	120,000
Iskra	KNK series	120,000
Lifasa	POLB	120,000
Ducati	Modulo XD	130,000
Frako	LKT standard	130,000
Schneider	VARplus	130,000
Silko	CSADG	130,000
Vishay	PhMKPg (gas filled)	130,000
AmpControl	Eco-Cap (oil filled, up to 20kVAr)	140,000
Circutor	HD (heavy duty)	150,000
Electronicon	MKP (oil filled, ultra HD)	150,000
Vishay	PhMKP (oil filled)	150,000
Elco	200/205 Series	>150,000
KBR	Basic	>150,000*
Electronicon	MKP (gas filled)	160,000
Schneider	VARplus Can	160,000
Frako	LKT premium	170,000
KBR	Premium	>250,000*
Epcos	Phase Cap	up to 200,000 at reduced temperature
Silko	CSADG	200,000 at reduced temperature

*KBR tests to a temperature specification higher than the IEC standard by 5°C

These figures have been obtained from each manufacturer, and are assumed to be calculated based on the IEC standard, which is 20 degrees at 55% humidity.

The biggest cause of capacitor failure is high temperature. kVARCorrect specifically chose power factor capacitors to handle the Australian climate, using the Elco 200/205 Series in our EcoVAR range and KBR Premium in our SmartVAR range. Our Engineering team have been designing and manufacturing capacitors for over 30 years, and we are convinced we are offering the best capacitors available worldwide.