

Attracting Tomorrow



Aluminum electrolytic capacitors New snap-in ultra compact series

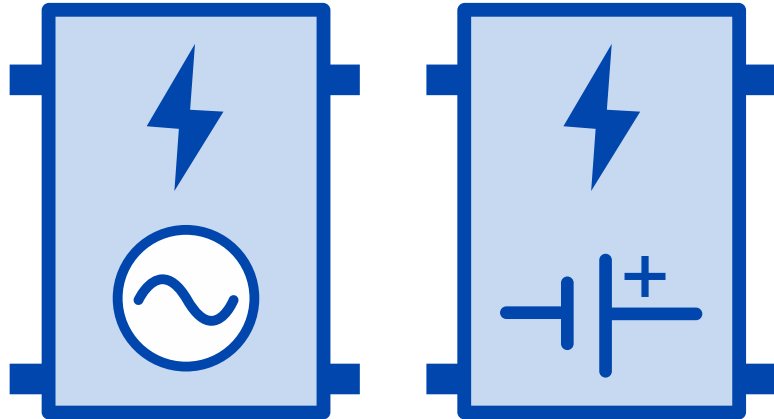
Compact design with improved
high capacitance per volume

TDK Electronics AG
Aluminum & Film Capacitors Business Group
Munich, Germany
May 2023

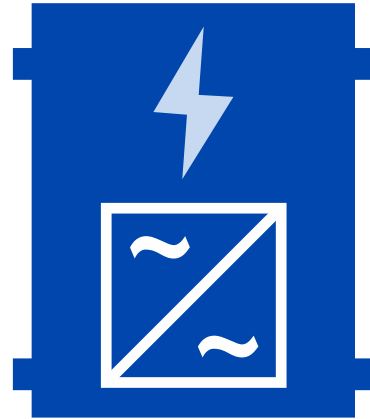


Applications

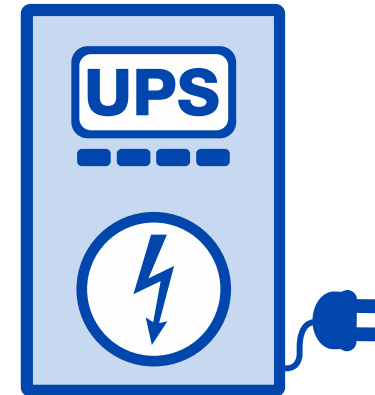
Power supplies



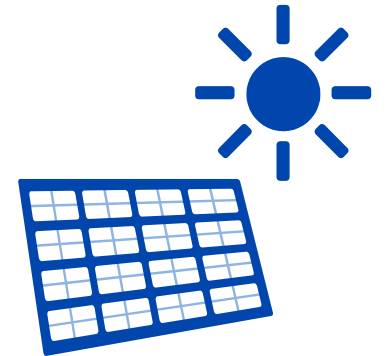
Frequency converters



UPS



Solar



Design features

Ultra-compact design

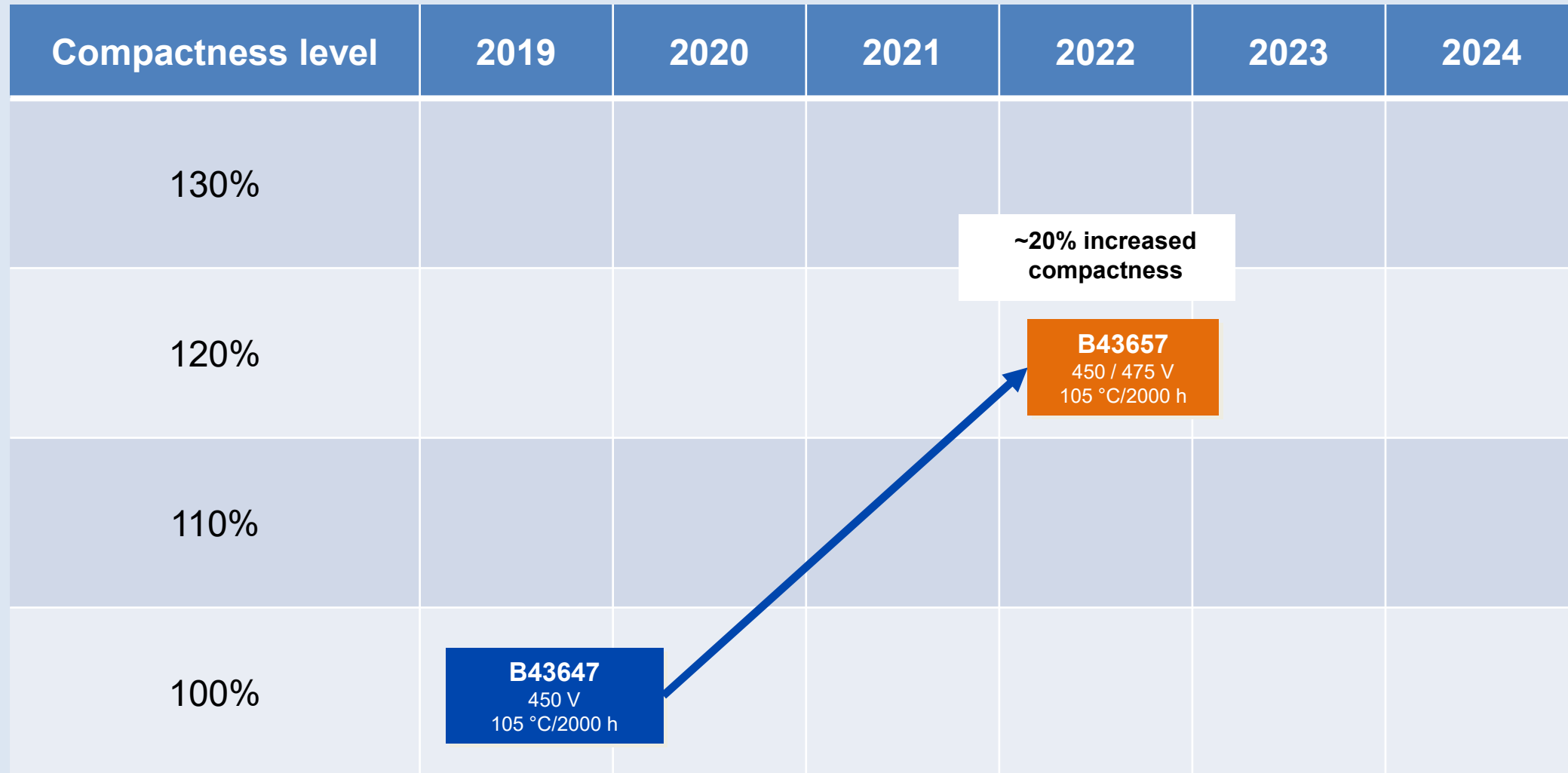
High ripple current capability

High reliability

RoHS-compatible



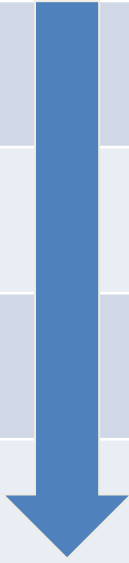
Compact design



TDK existing

TDK NEW

Compact design

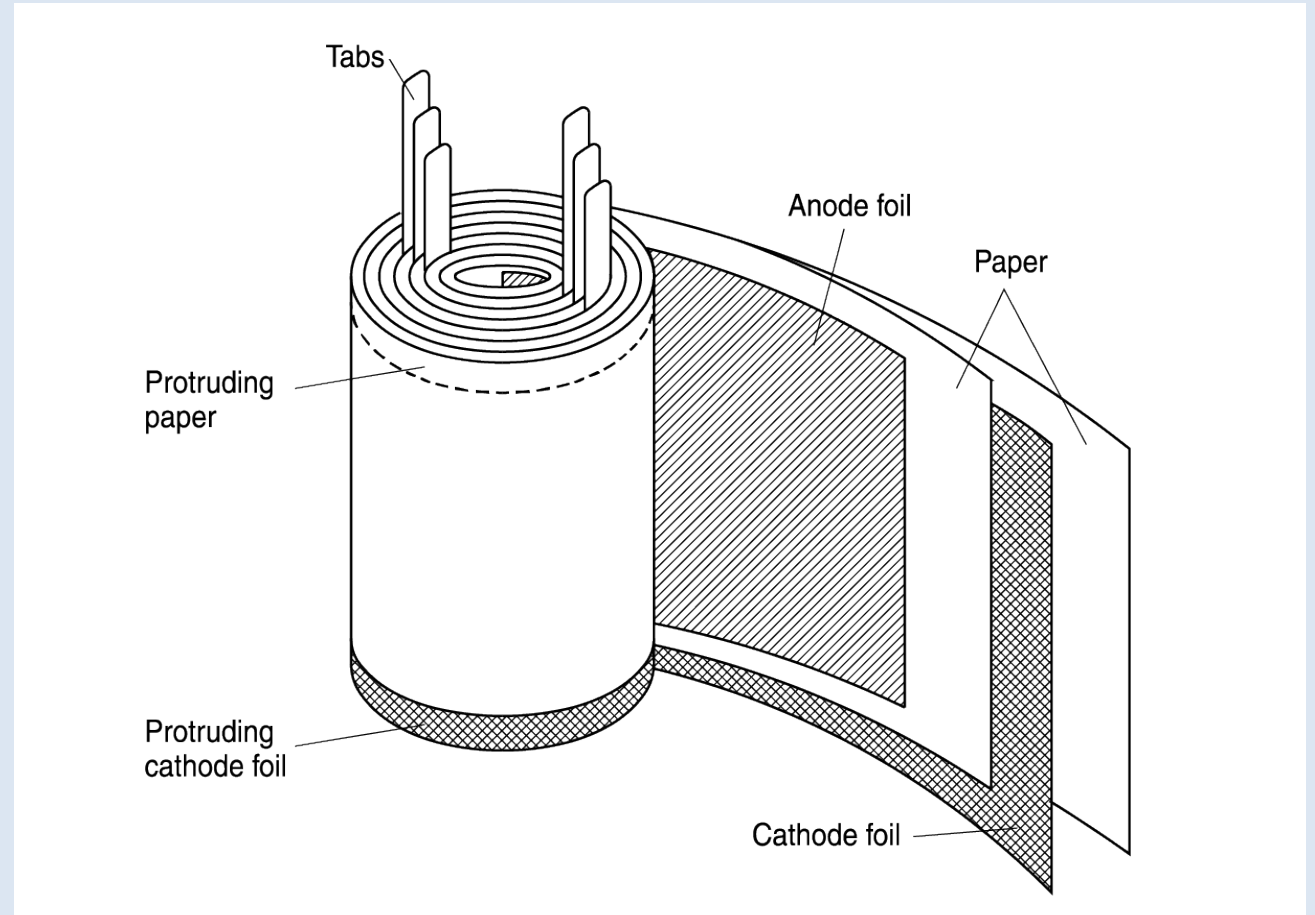
Optimized for	Useful life		
	2000 h	3000 h	5000 h
Standard		B43509 200 to 450 V 105 °C/3000 h	
Compactness (C x V per volume) 			B43644 200 to 500 V 105 °C/5000 h
		B43643 200 to 450 V 105 °C/3000 h	
	B43647 450 V 105 °C/2000 h		
	B43657 450 / 475 V 105 °C/2000 h		

TDK existing

TDK NEW

Special features

- TDK inhouse-developed anode foil
- Highest surface capacitance increase
- Long-life oxide
- High-performance electrolyte



Example