

● Feature

- ☑ Endurance: **105°C 6,000 to 10,000h** (with ripple)
- ☑ Voltage: 6.3 to 100V_{dc}
- ☑ Capacitance: 8.2 to 22,000μF
- ☑ Size: φ5×11L to φ18×40L
- ☑ **Higher ripple current** than KZM series

● Product Chart

- ☑ **Recommended to replace in KMQ/KZE to KZN**

*Low Impedance series (less than 100v, Radial lead type)

KMQ

- 105°C Standard
- **610mA_{rms}** (25V, φ10×16L)
- 105°C 4,000h

Since 2001.06

KZE

- Lower Impedance
- **1,430mA_{rms}** (25V, φ10×16L)
- 105°C 4,000h

Since 2000.06

KZM

- Longer life
- **1,760mA_{rms}** (25V, φ10×16L)
- 105°C 10,000h

Since 2007.12

KZN



Expanded to 80v, 100v

- **Higher ripple Current**
2,000mA_{rms} (25V, φ10×16L)
- **105°C 10,000h**

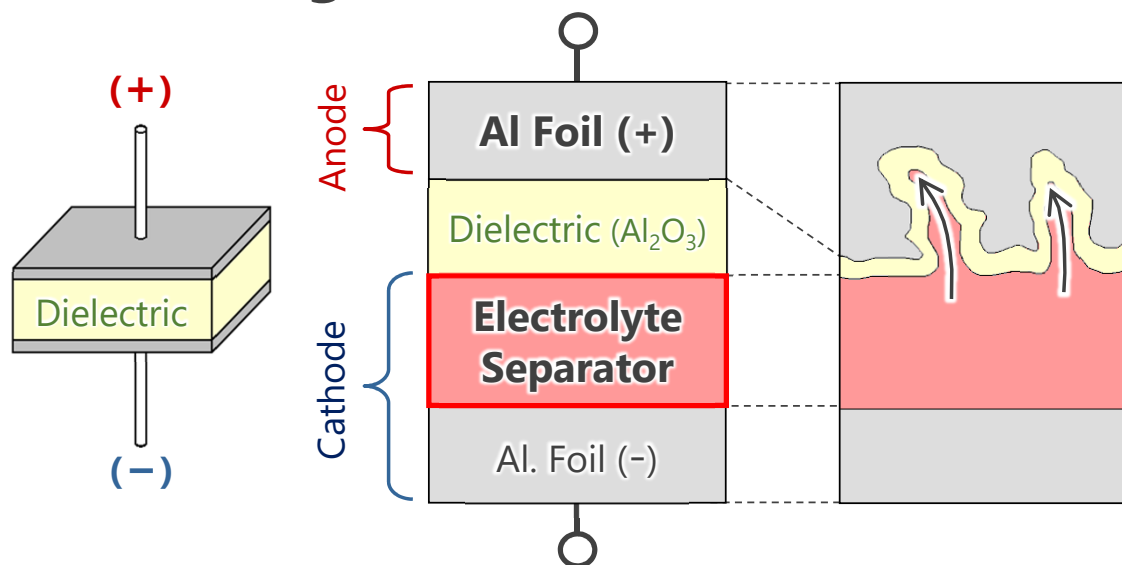
Since 2012.11



2020.08

Upgrade!

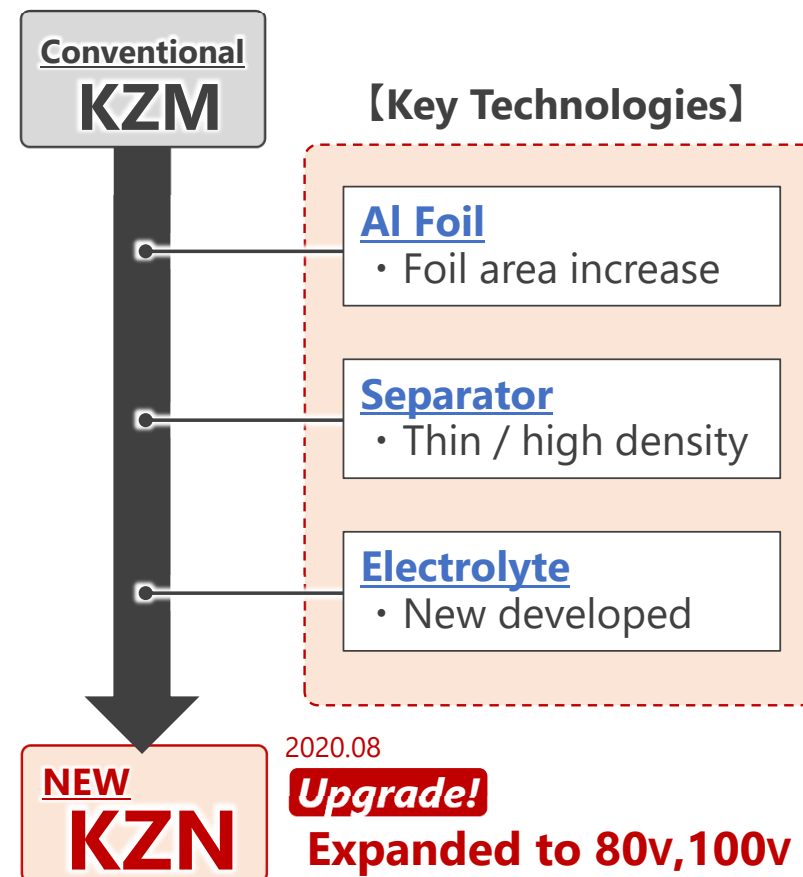
● Advantage



☑ Two advantages from KZM to KZN



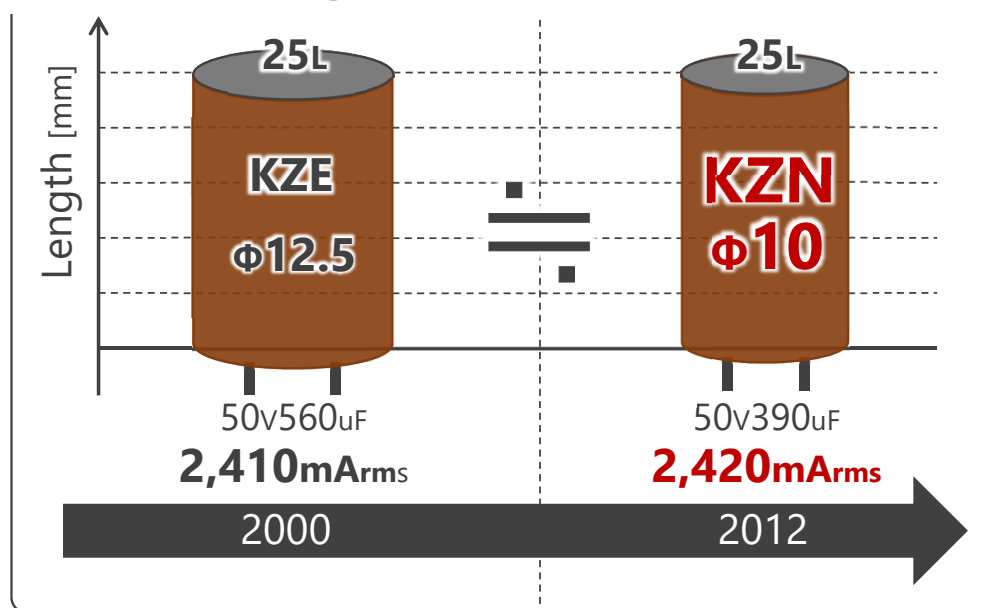
- ① Higher ripple current
- ② Longer life



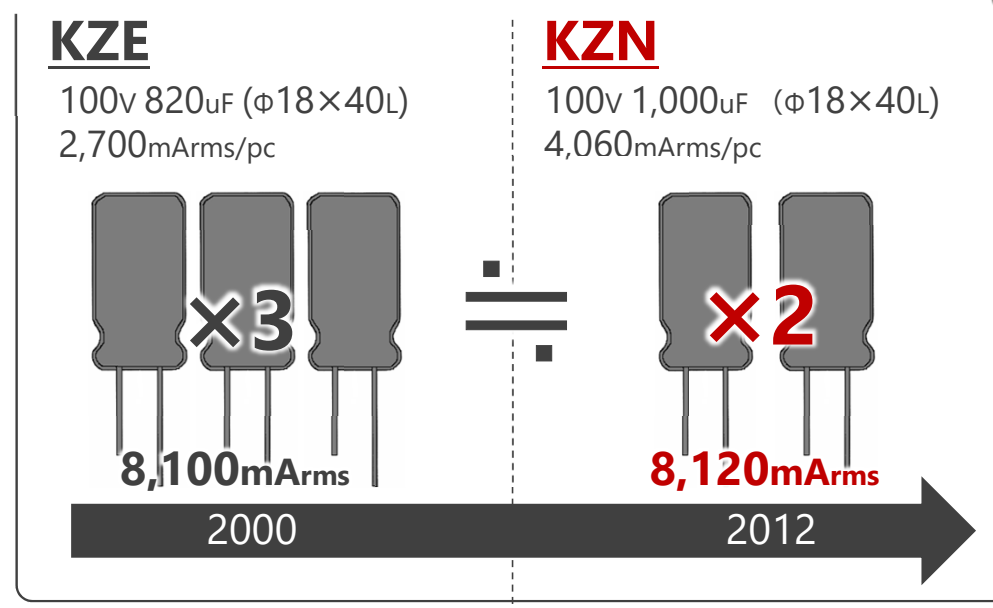
● Benefit / Evidence

- ➡ ① **Higher ripple** . . . **Equipment downsizing / Reduced # of capacitors / Higher power density**
- ② **Longer life** . . . **Longer equipment life**

☑ Downsizing (Fixed ripple current)



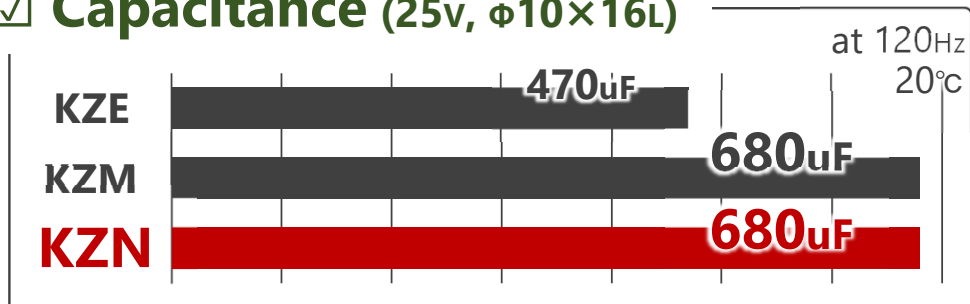
☑ Reduced number (Fixed total ripple current)



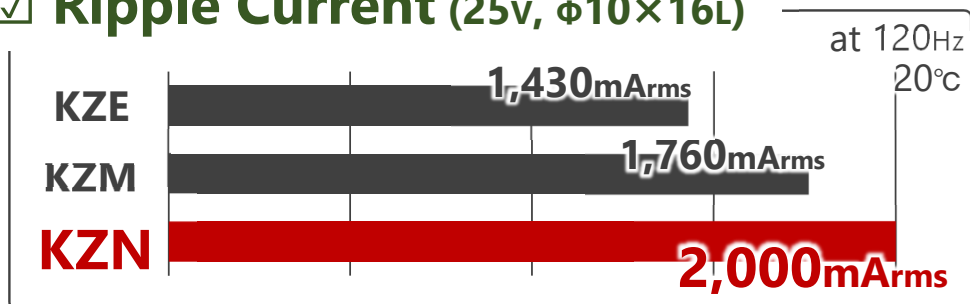
● Benefit / Evidence

- ➡ ① **Higher ripple** . . . **Equipment downsizing / Reduced # of capacitors / Higher power density**
- ➡ ② **Longer life** . . . **Longer equipment life**

☑ Capacitance (25v, $\phi 10 \times 16L$)



☑ Ripple Current (25v, $\phi 10 \times 16L$)



☑ Lifetime (25v, $\phi 10 \times 16L$)

