NEW

# KXN Series

## Radial Lead Type
## Aluminum Electrolytic Capacitor

Smoothing input current
High voltage range

NIPPON CHEMI-CON

No.U20C081042

## ● Feature

- ☑ Endurance: 105℃ 10,000h / 12,000h (with ripple)
- ☑ Voltage: 350Vdc / 400Vdc / 420Vdc / 450Vdc
- ☑ Capacitance: 15 to 330uF
- ☑ Size ⌀10×16L to ⌀18×50L
- ☑ Higher capacitance than KXL series

## ● Recommended Application

- ☑ For general / Infrastructure power supply (Input filtering / PFC circuit)
- ☑ For AC / DC adaptor
- ☑ Power supply for TV / PC

## ● Product Chart

☑ Recommended to replace in KMQ/KXJ to KXL

*Line up for 105℃ High ripple/Long life (160V and more ,Radial lead type)

**KMQ**
- 105℃ Standard
- 68uF (450V, ⌀18×35.5L)
- 105℃ 1,000 to 2,000h

Since 2001.06

**KXJ**
- Downsizing/Longer life
- 82uF (450V, ⌀18×31.5L)
- 105℃ 8,000 to 12,000h

Since 2005.12

**KXL**
- Downsizing/Longer life
- 100uF (450V, ⌀18×30L)
- 105℃ 10,000h / 12,000h

Since 2016.10

NEW

**KXN**

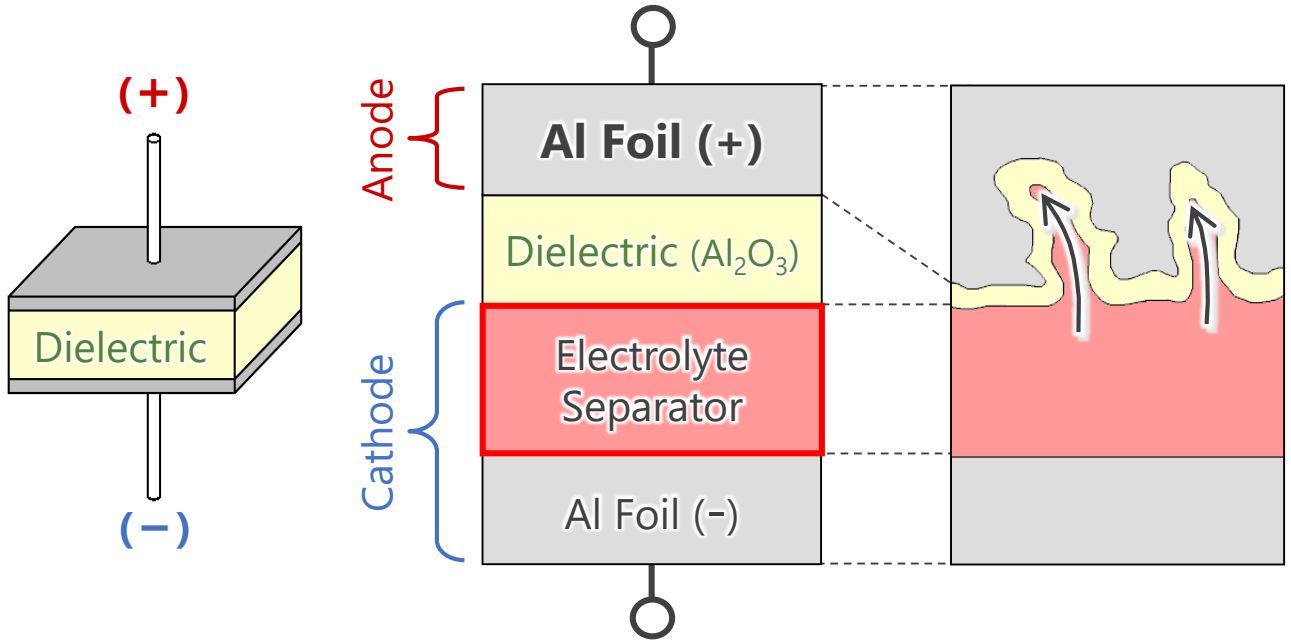
**Upgrade!**

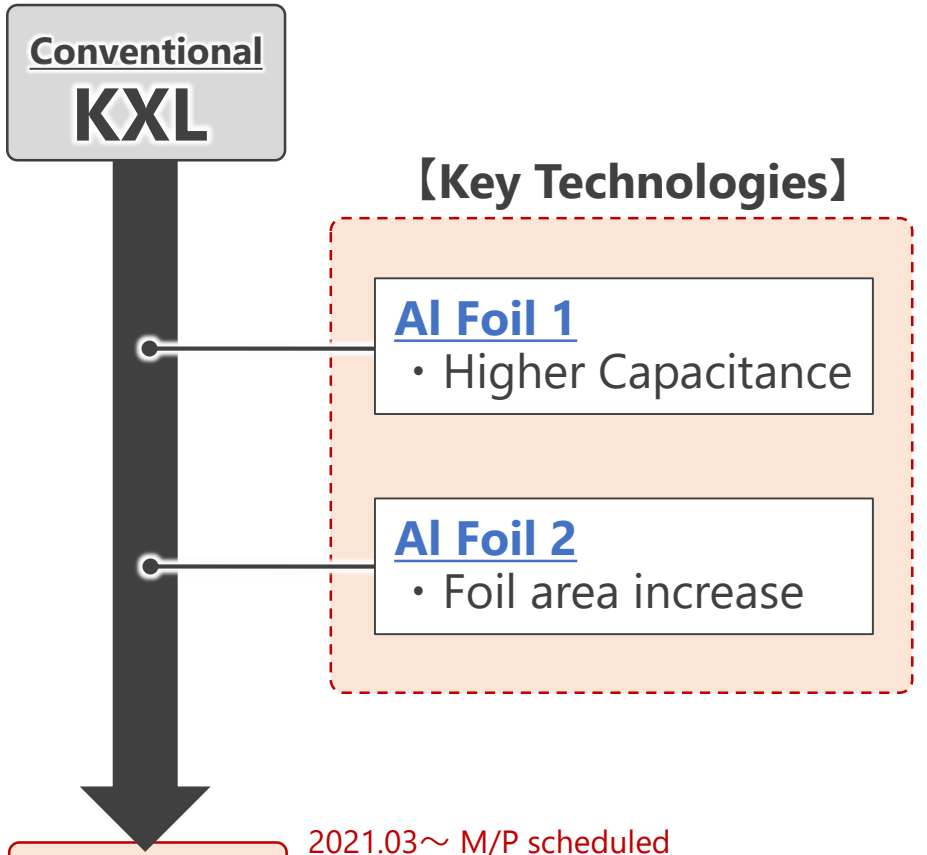
- **Expanded to 350V, 400V**
  *2021.03～ M/P scheduled
- **Downsizing/Higher ripple**
- **120uF** (450V, ⌀18×30L)
- **105℃ 10,000h / 12,000h**

Since 2020.07

URL_ https://www.chemi-con.co.jp/e/

## ● Advantage




### ☑ Three advantages from KXL to KXN

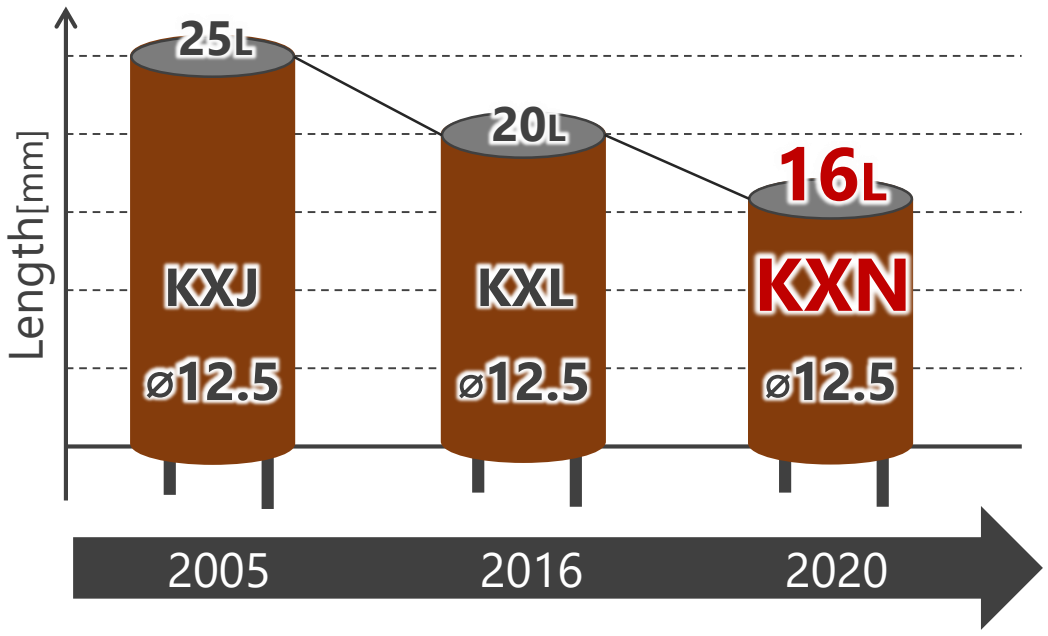
**①Downsizing**
**②Higher capacitance**
**③Higher ripple current**

## ● Benefit / Evidence

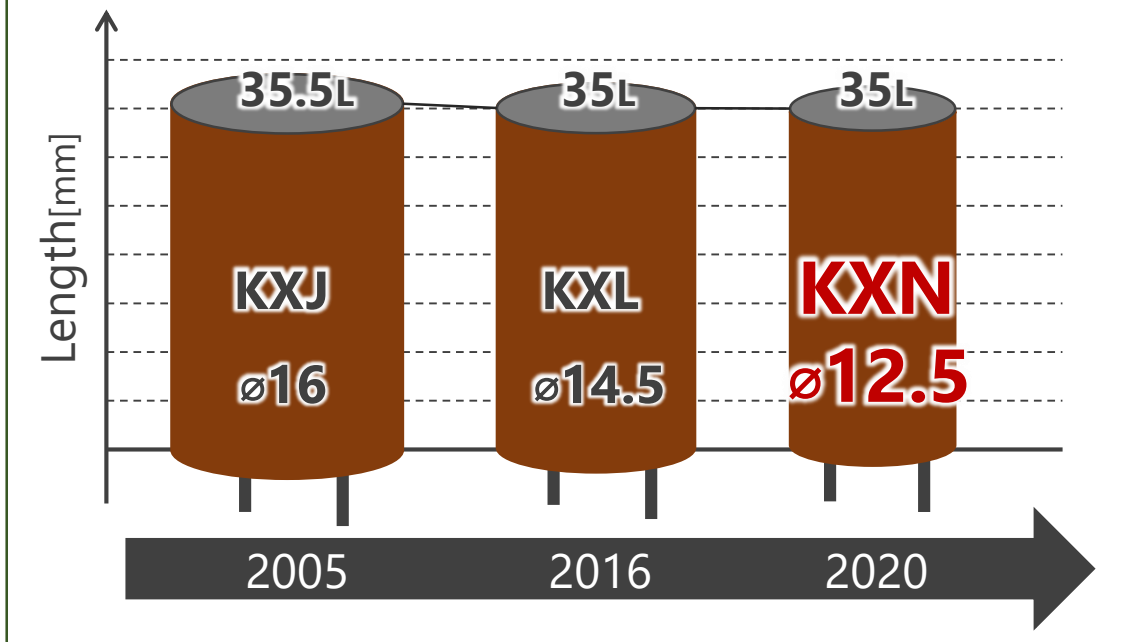
➡ **①Downsizing・・・Equipment downsizing, Low height, Light weight**

**②Higher cap. / ③Higher ripple・・Longer equipment life, Reduced # of capacitors**

### ☑ Comparison at height (420V27uF, ⌀12.5)




### ☑ Comparison at diameter (420V82uF, 35L)

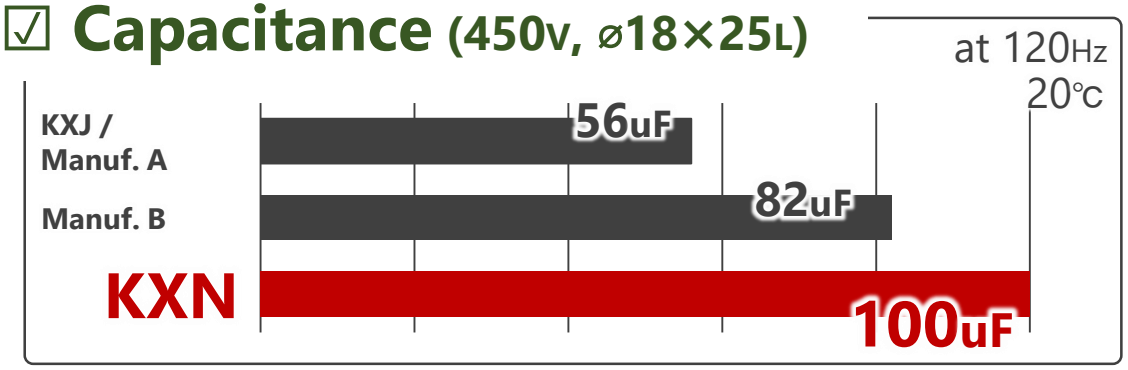


# ● Benefit / Evidence

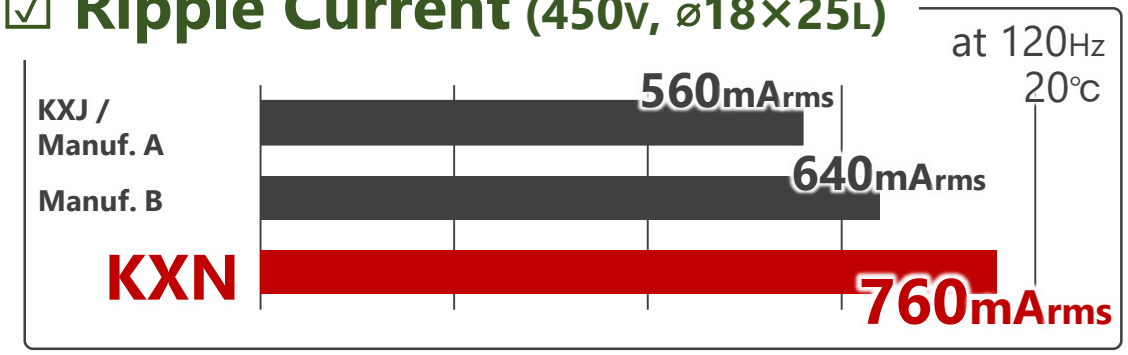
①Downsizing・・・Equipment downsizing, Low height, Light weight

➡ ②Higher cap. / ③Higher ripple・・Longer equipment life, Reduced # of capacitors

## ☑ Capacitance (450V, ⌀18×25L)




## ☑ Ripple Current (450V, ⌀18×25L)




## ☑ Lifetime (450V, ⌀18×25L)