

## ● Feature

- ☑ Endurance: **105°C 3,000h** (With Ripple)
- ☑ Voltage: 400V<sub>dc</sub> / 420V<sub>dc</sub> / 450V<sub>dc</sub>
- ☑ Capacitance: 33uF~150uF
- ☑ Size  $\phi 10 \times 30L \sim \phi 18 \times 31.5L$
- ☑ **Higher capacitance** than KXE series

## ● Product Chart

- ☑ **Recommended to replace from PAG/KHE to KHF**

\*Line up for 105°C Downsizing (400v and more ,Radial lead type)

### KMQ

- 105°C standard
- 68uF (450v,  $\phi 18 \times 35.5L$ )
- 105°C 1,000~2,000h

Since 2001.06

### PAG

- Downsizing
- **82uF** (450v,  $\phi 18 \times 30L$ )
- 105°C 2,000h

Since 2003.02

### KHE

- Downsizing
- **120uF** (450v,  $\phi 18 \times 31.5L$ )
- 105°C 2,000h

Since 2012.06

### NEW KHF



- **Downsizing/Longer life**
- **150uF** (450v,  $\phi 18 \times 31.5L$ )
- **105°C 3,000h**

Since 2020.09

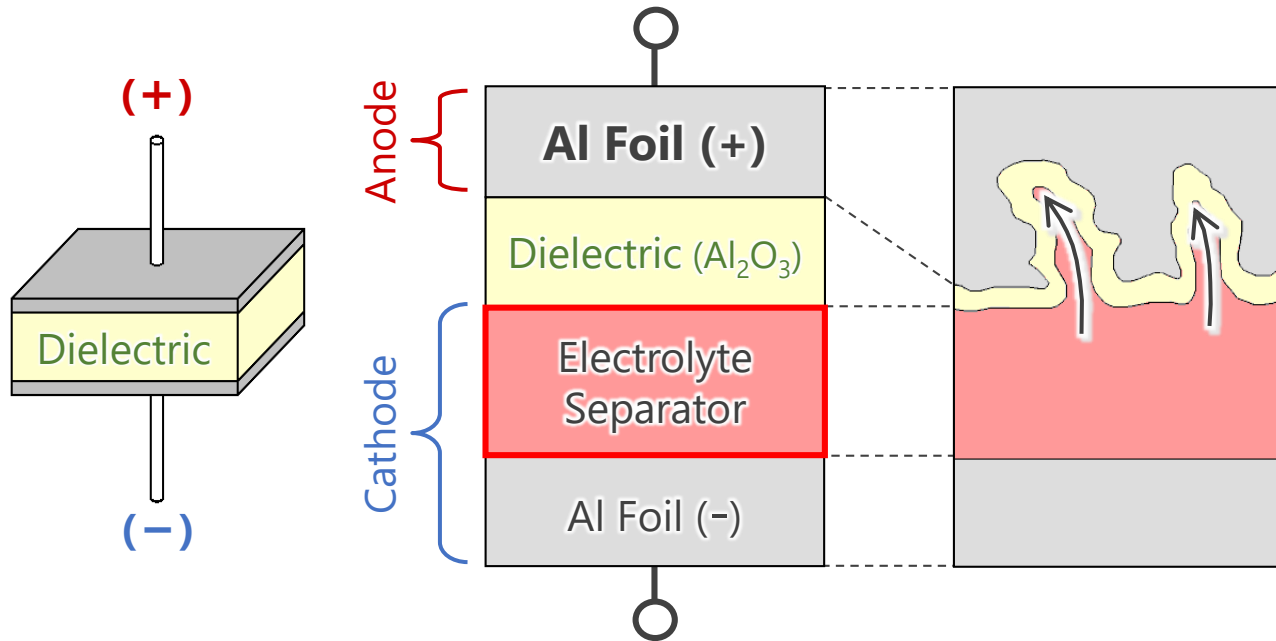


## ● Recommended Application

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



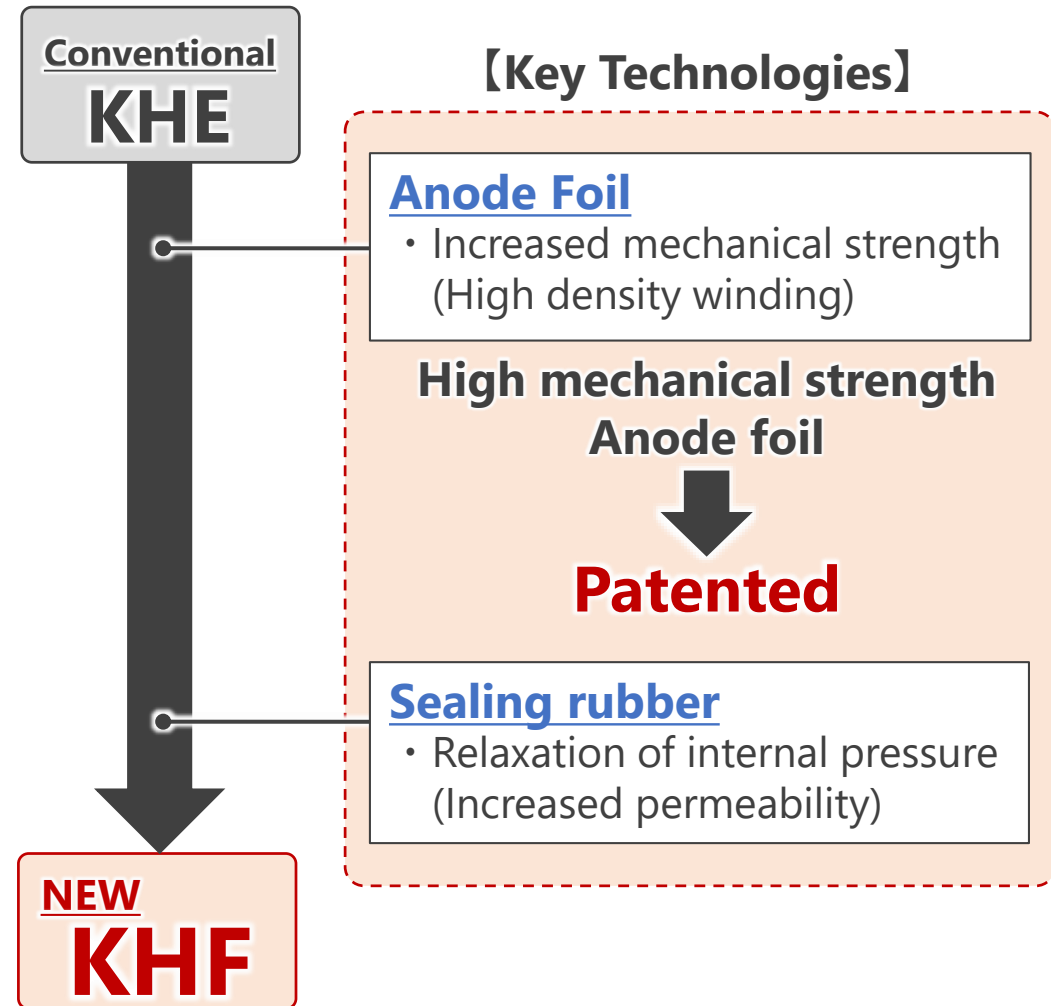
● Advantage



✓ Three advantages from KHE to KXF



- ① **Downsizing**
- ② **Higher Capacitance / Ripple current**
- ③ **Longer Life** . . . (2,000h⇒3,000h)

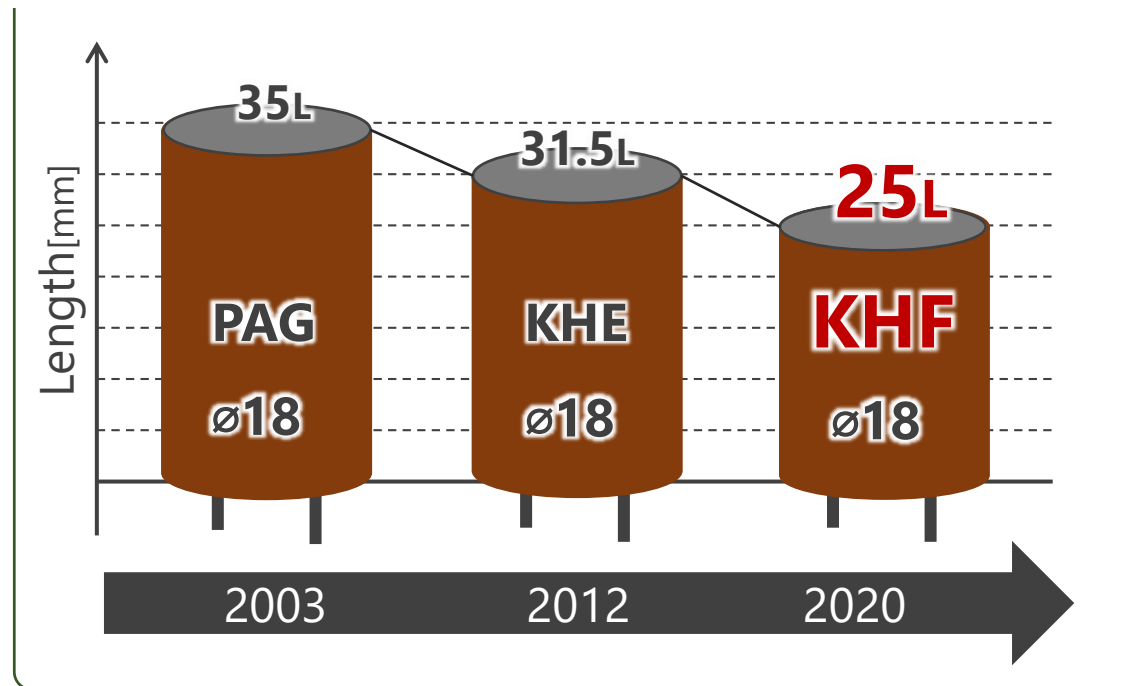


## ● Benefit / Evidence

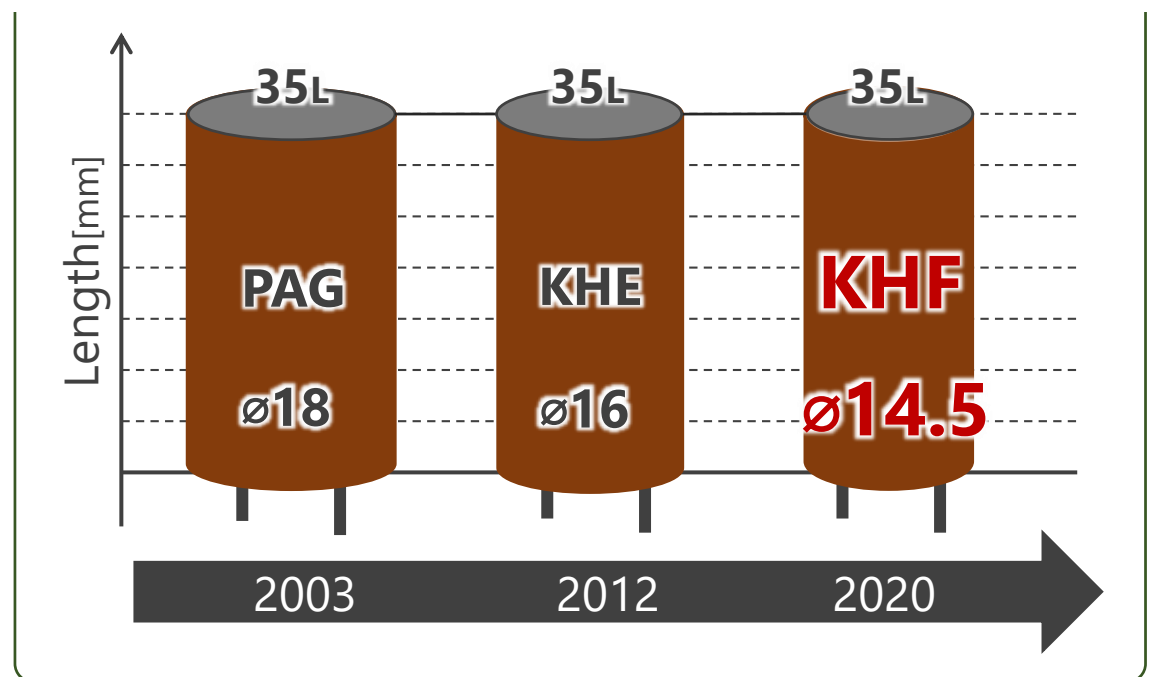
➔ ① **Downsizing** . . . **Equipment downsizing, Low height, Light weight**

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

### ☑ Comparison at height (420V120 $\mu$ F, $\phi$ 18)



### ☑ Comparison at diameter (450V100 $\mu$ F, 35L)



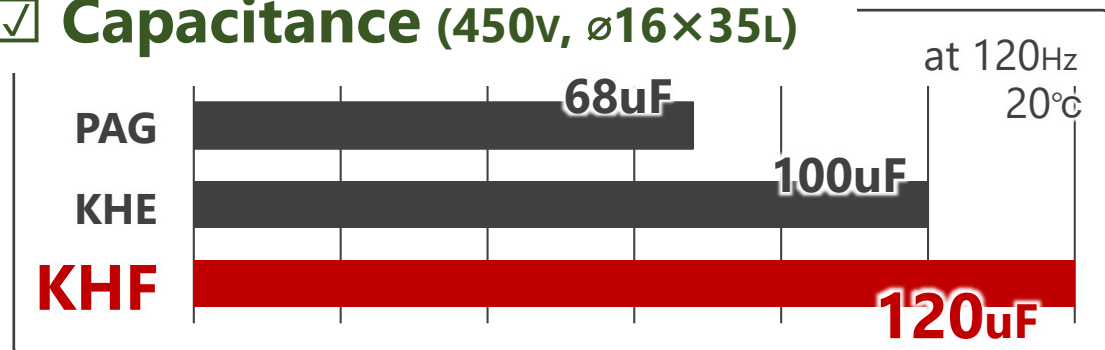
## ● Benefit / Evidence

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

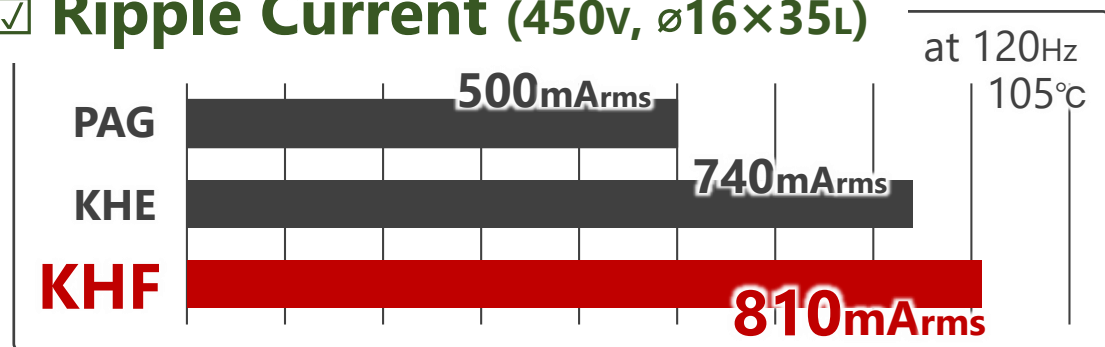
➔ ② Higher cap/ripple ③ Longer Life . . . Longer equipment life, Reduced # of capacitors



### ☑ Capacitance (450v, $\phi 16 \times 35L$ )



### ☑ Ripple Current (450v, $\phi 16 \times 35L$ )



### ☑ Lifetime (450v, $\phi 16 \times 35L$ )

