

● Feature

- ☑ Endurance: **105°C 3,000h** (with ripple)
- ☑ Voltage: 400V_{dc} / 500V_{dc}
- ☑ Capacitance: 120μF to **1,910μF**
- ☑ Size: φ25.4×25L to **φ35×80L**
- ☑ **Two size smaller** than KHS series

● Product Chart

- ☑ **Recommended to replace KMS/KHS with KHU**

* Line up for downsizing and longer life (Snap-in type)

KMS

- Longer life
- φ35×45L (500V330μF)
- 105°C 3,000h
- -40 to 105°C

Since 2006.05

KHS

- **Downsizing**
- **φ35×40L** (500V330μF)
- 105°C 3,000h
- -40 to 105°C

Since 2017.12

KHU

- **Expanded to 400v, 420v, 450v!!**
- **Added new case size!!** (65L ~ 80L)
- **Downsizing / Higher Cap.**
- **φ35×30L** (500V340μF)
- **105°C 3,000h**
- **-40 to 105°C**



Since 2022.07

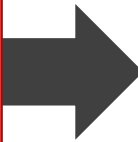
● Recommended Application

- ☑ General / Server power supply (Input filtering, PFC circuit)
- ☑ PV(solar) inverter
- ☑ Inverter (DC Link)

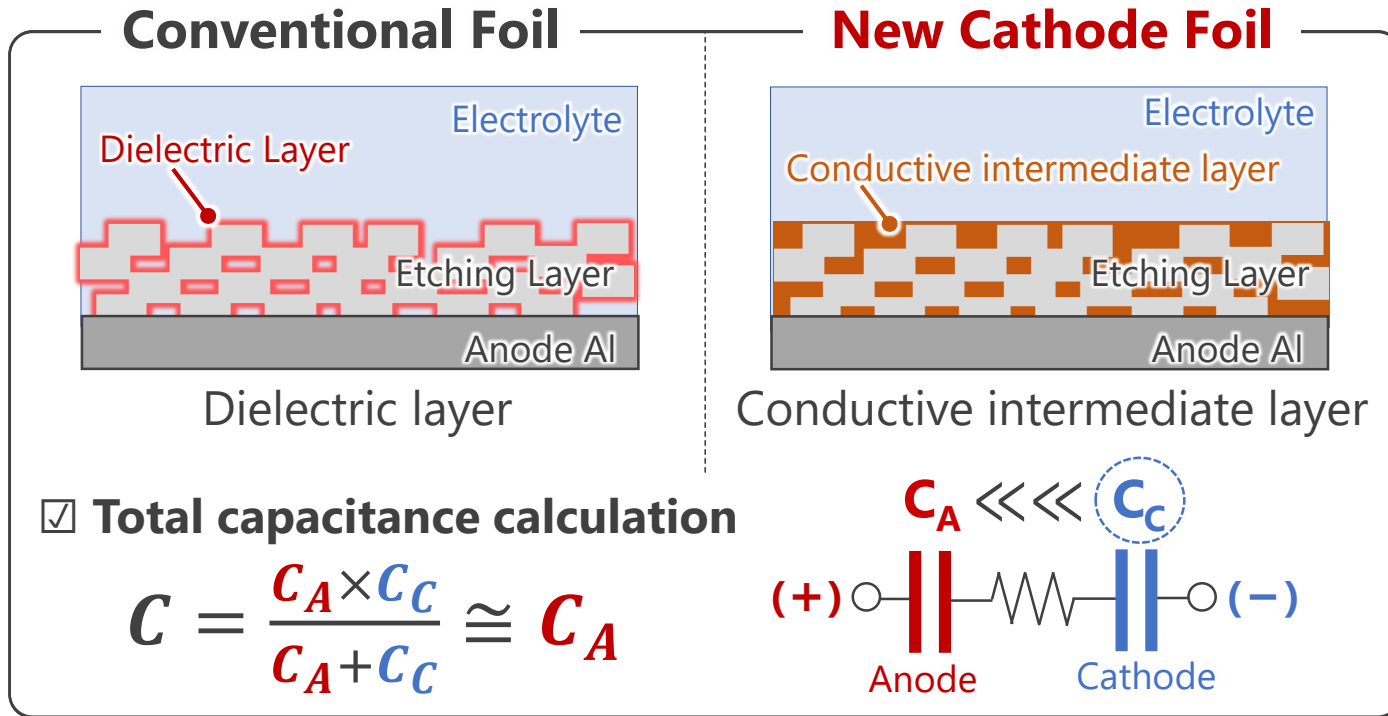


2024.01

Upgrade!



● **Advantage**



✓ **Three advantages from KHS to KHU**

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

Conventional
KHS

【 Key Technologies 】

Separator
• Thinner paper

Electrolyte
• Optimized electrolyte

Aluminum Foil (Cathode)
• Increased foil capacitance
⇒ Increased total capacitance

New Cathode Foil

Patented

KHU

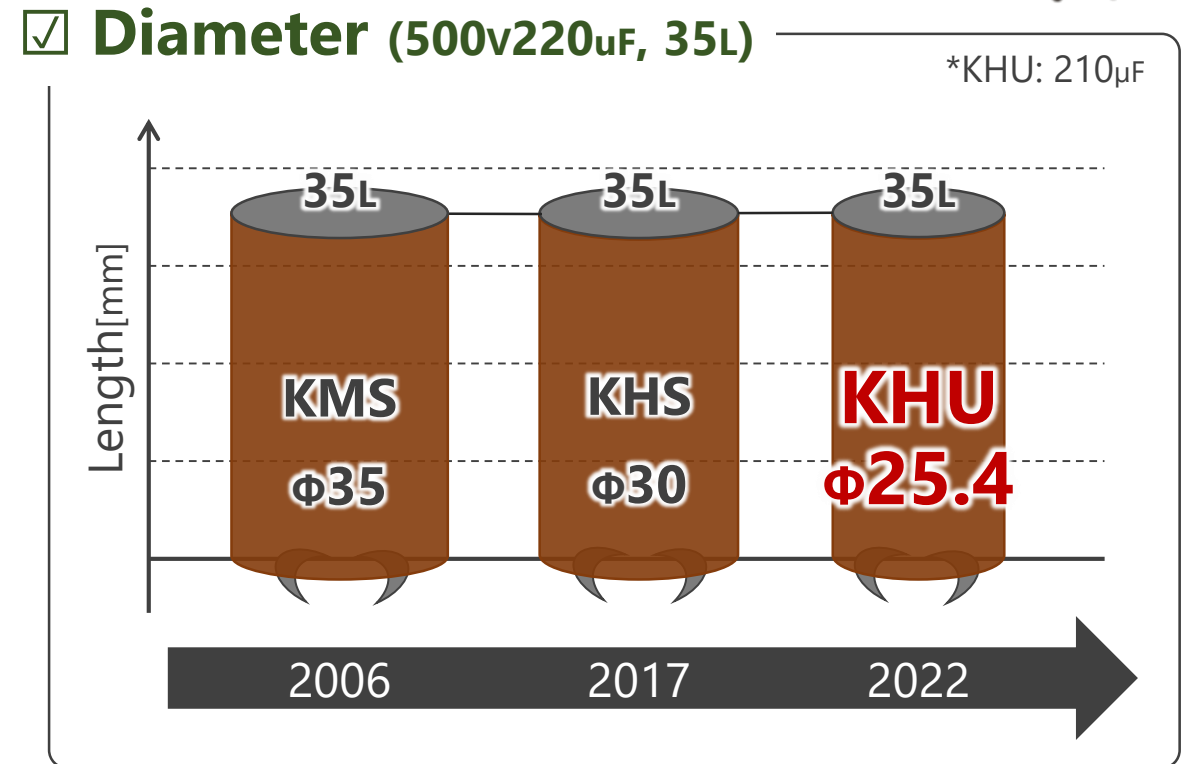
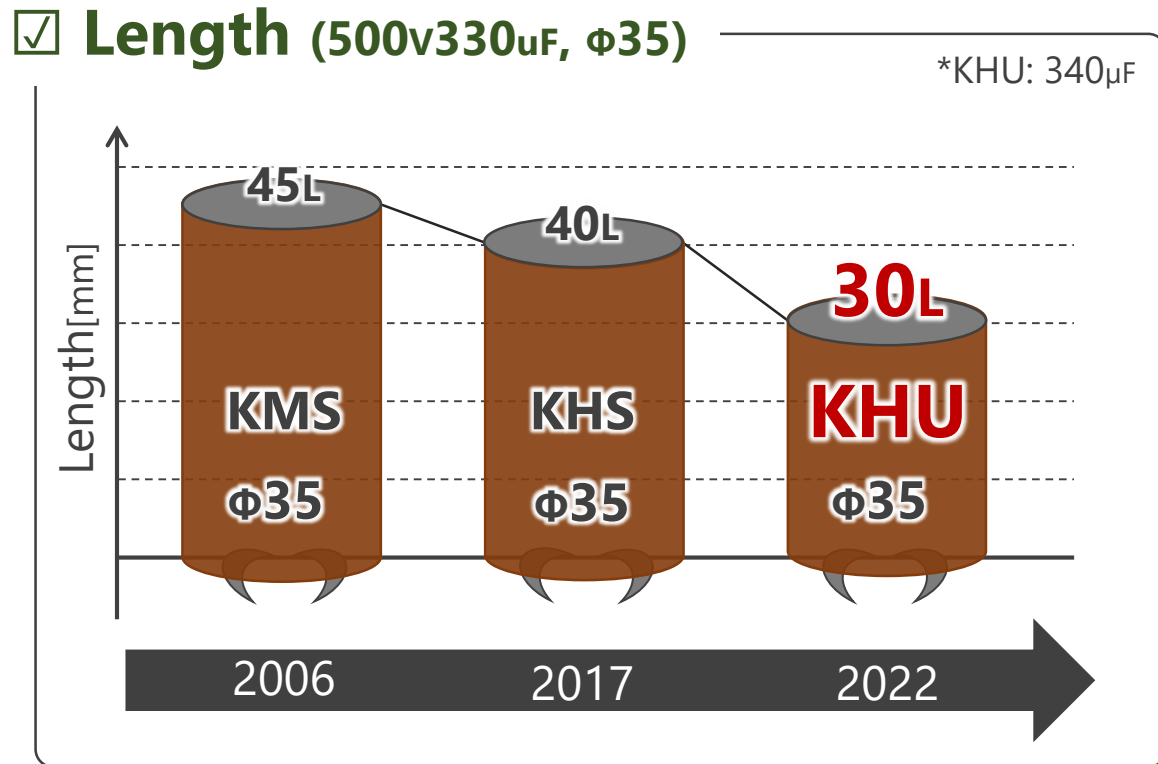
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Upgrade!

Expanded to 400v, 420v, 450v!!
Added new case size!! (65L ~ 80L)

● Benefit/Evidence

- ➔ ① **Downsizing** **Equipment downsizing, Low height, Light weight**
- ② Higher cap. / ③ Higher ripple **Reduce # of capacitor**



● Benefit/Evidence

① Downsizing Equipment downsizing, Low height, Light weight

➔ ② Higher cap. / ③ Higher ripple Reduce # of capacitor

