

● Feature

- ☑ Endurance: **105°C 2,000h** (with ripple)
- ☑ Voltage: 400V_{dc} / 420V_{dc} / 450V_{dc}
- ☑ Capacitance : 210 to 1,500 μ F
- ☑ Size: ϕ 25.4×25L to ϕ 35×60L
- ☑ **One size smaller** than KMZ series

● Product Chart

- ☑ **Recommended to replace in KMR/KMW to KHE**

*Super downsizing series (Snap-in type)

KMR

- Standard
- 470 μ F (450V, ϕ 30×50L)

Since 2005.12

KMW

- **Downsizing**
- 560 μ F (450V, ϕ 30×50L)

Since 2012.07

KMZ

- **Downsizing**
- 680 μ F (450V, ϕ 30×50L)
- **-40 to 105°C**

Since 2016.05

2021.07
Upgrade!
KHE

- **Upgrade all KHE series items!!**

- **Downsizing/Higher Cap.**
- **790 μ F** (450V, ϕ 30×50L)
- **-40 to 105°C**



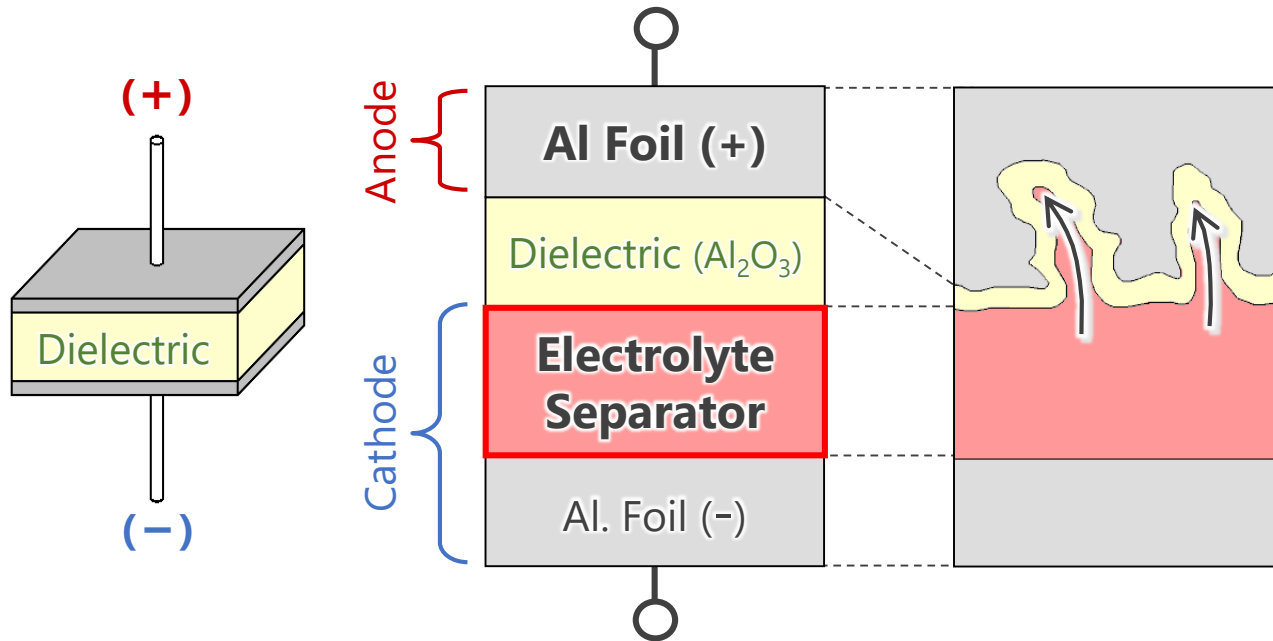
Since 2020.04

● Recommended Application

- ☑ For general, Infrastructure power supply (Input filtering, PFC circuit)
- ☑ For inverter (DC Link)



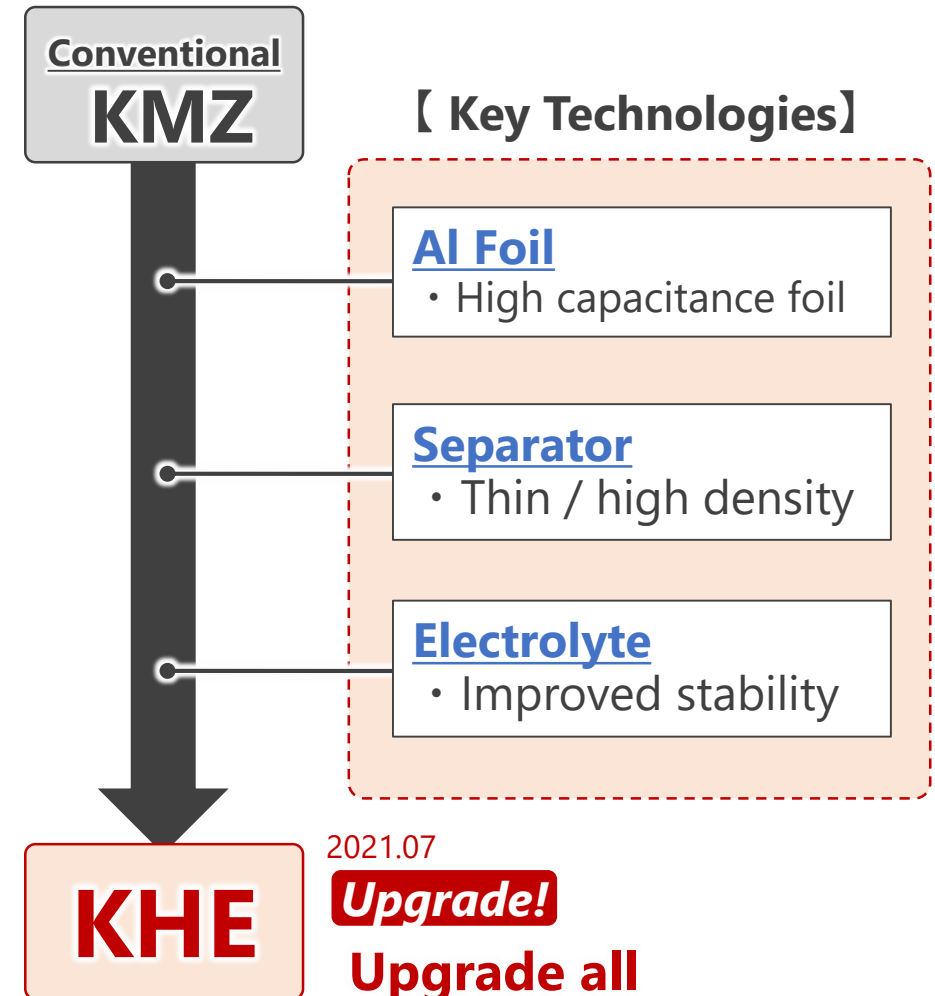
● Advantage



✓ Three advantages from KMZ to KHE



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



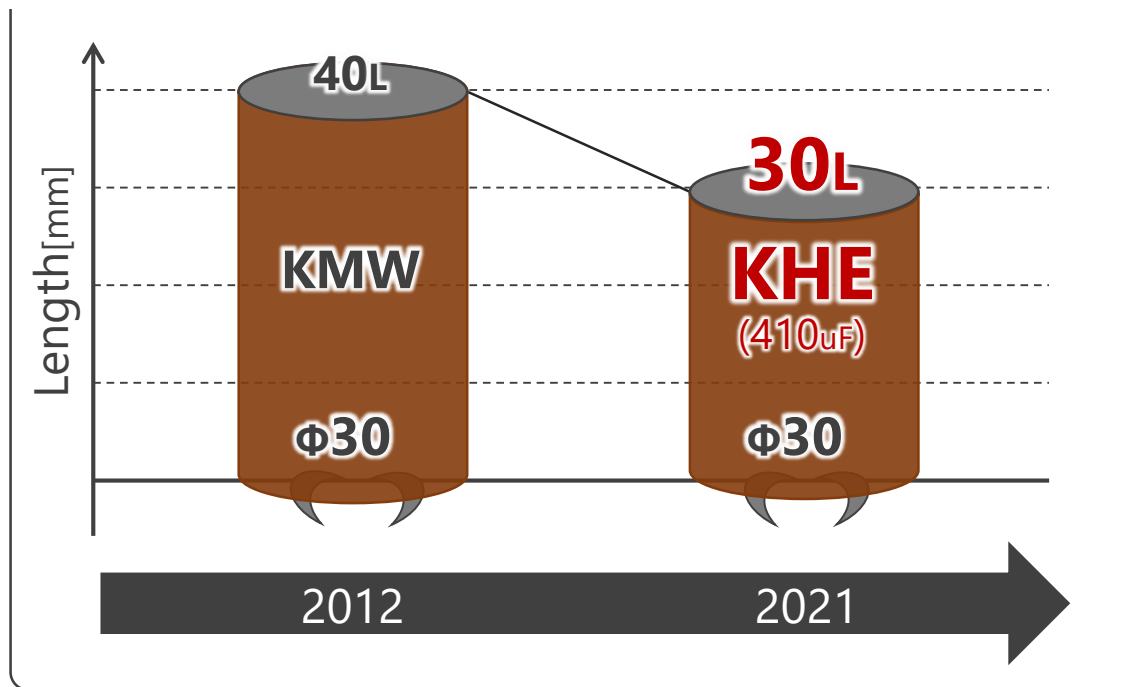
● Benefit/Evidence

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

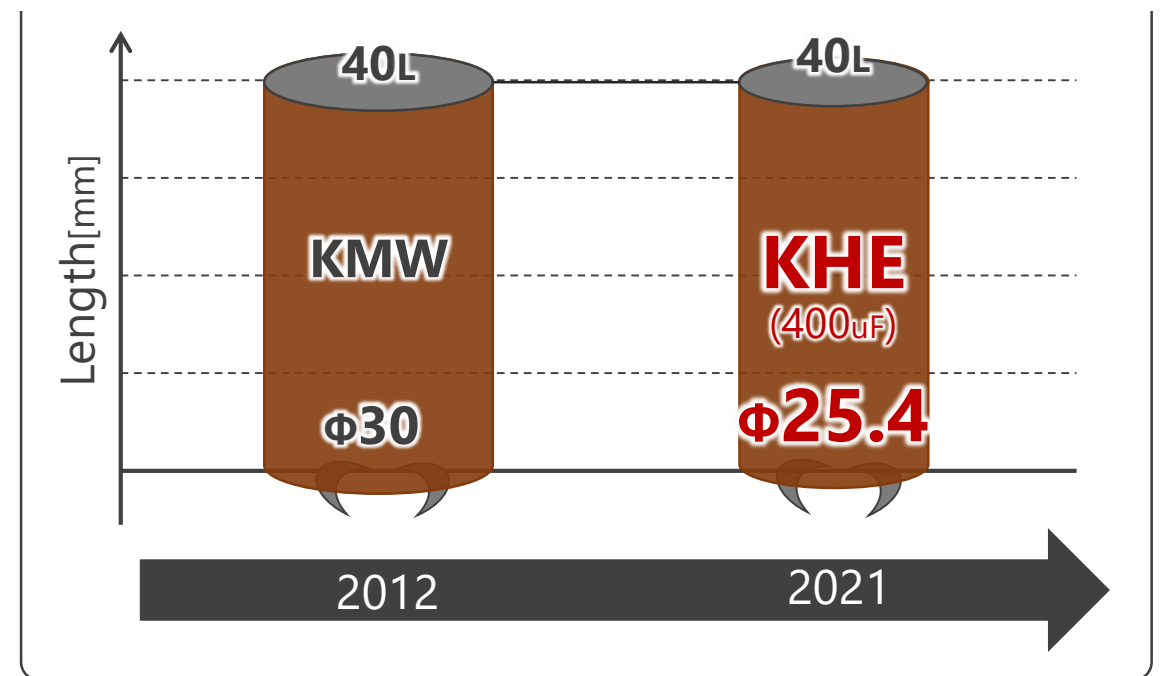
② Higher cap. / ③ Higher ripple . . . **Longer equipment life, Reduced # of capacitors**



☑ **Comparison at height** (450V390 μ F, Φ 30)



☑ **Comparison at diameter** (450V390 μ F, 40L)



● Benefit/Evidence

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

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

