

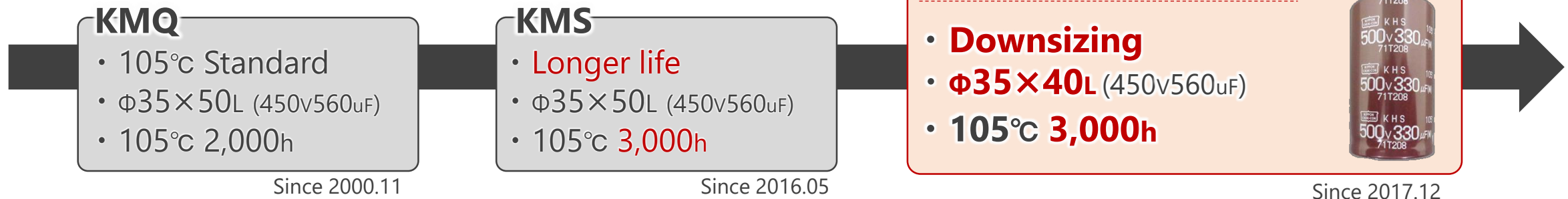
● Feature

- ☑ Endurance: **105°C 3,000h** (with ripple)
- ☑ Voltage: 450V_{dc} / 475V_{dc} / 500V_{dc}
- ☑ Capacitance: 68 to 1,000μF
- ☑ Size: φ22×25L to φ35×60L
- ☑ **One size smaller** than KMS series

● Product Chart

- ☑ **Recommended to replace in KMQ/KMS to KHS**

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

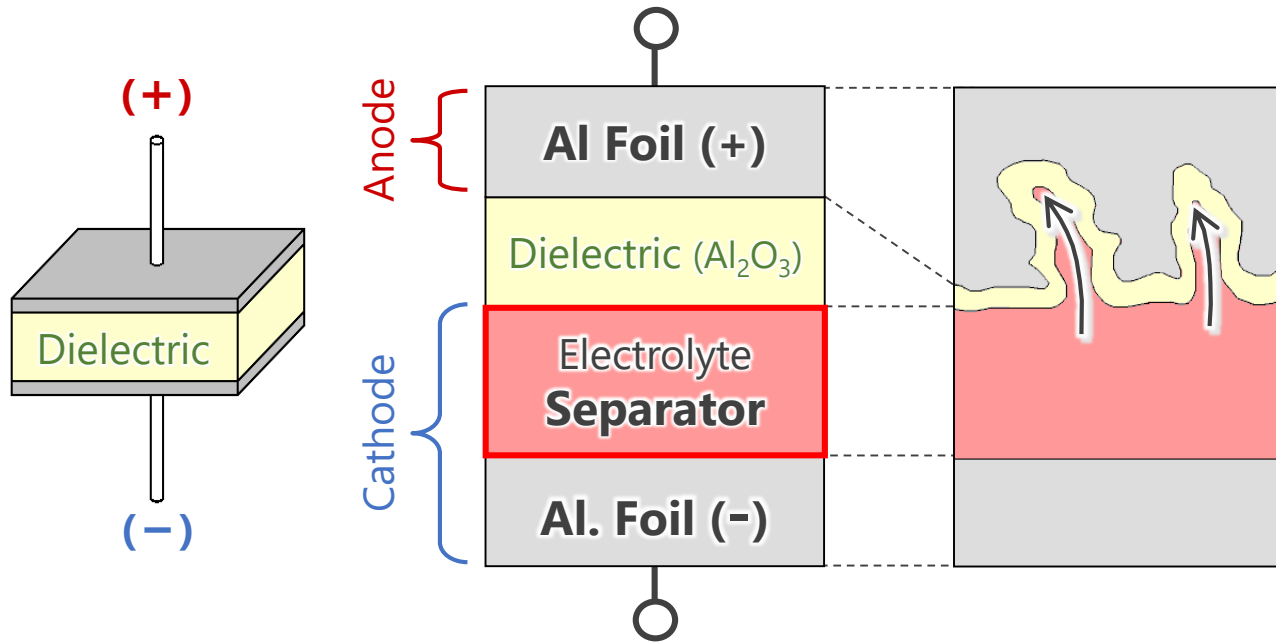


● Recommended Application

- ☑ For general, Server power supply (Input filtering, PFC circuit)
- ☑ For PV(solar) inverter
- ☑ For inverter (DC-LINK)



● Advantage



✓ Advantage from KMS to KHS



- ① **Downsizing**
- ② **Higher capacitance**

Conventional
KMS

【 Key Technologies 】

Al Foil

- High capacitance foil

Separator

- Thinner paper

KHS

2020.12

Upgrade!

Expanded to 475v

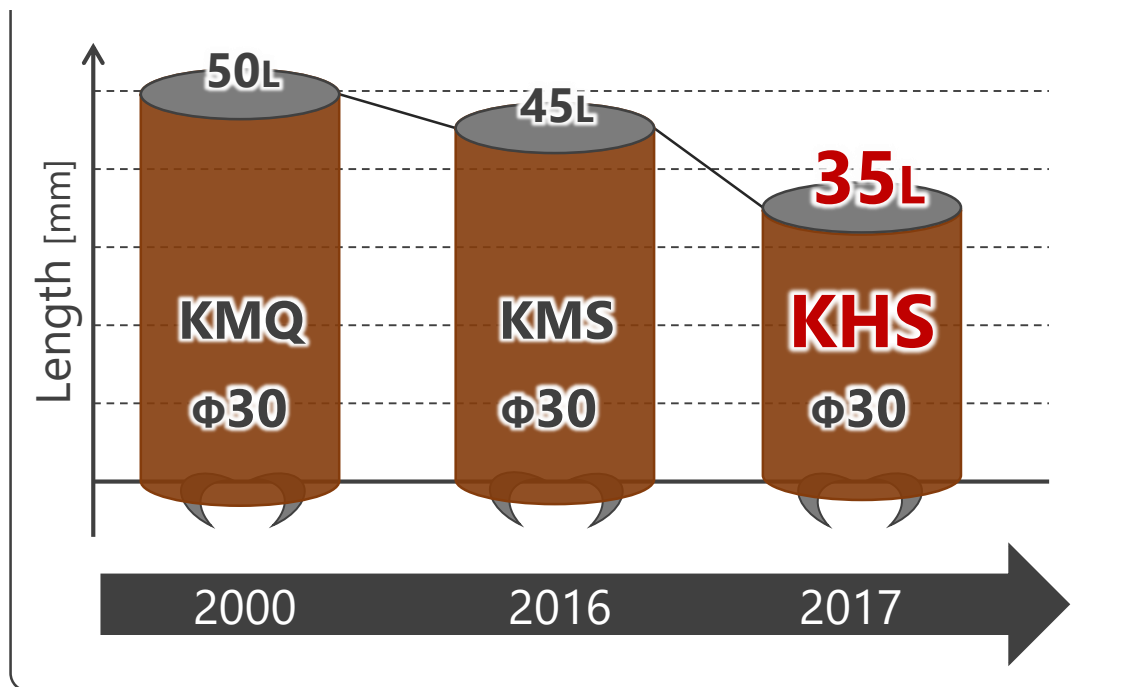
● Benefit/Evidence

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

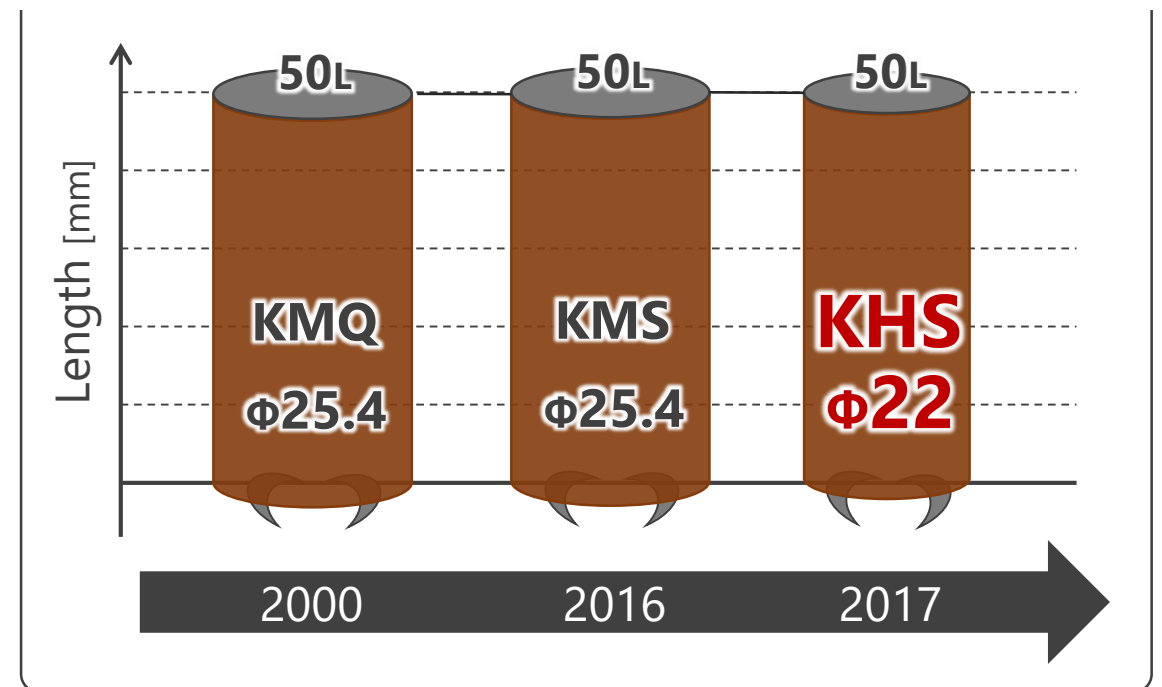
② Higher cap . . . **Reduced # of capacitors**



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



☑ **Comparison at diameter** (450V270 μ F, 50L)



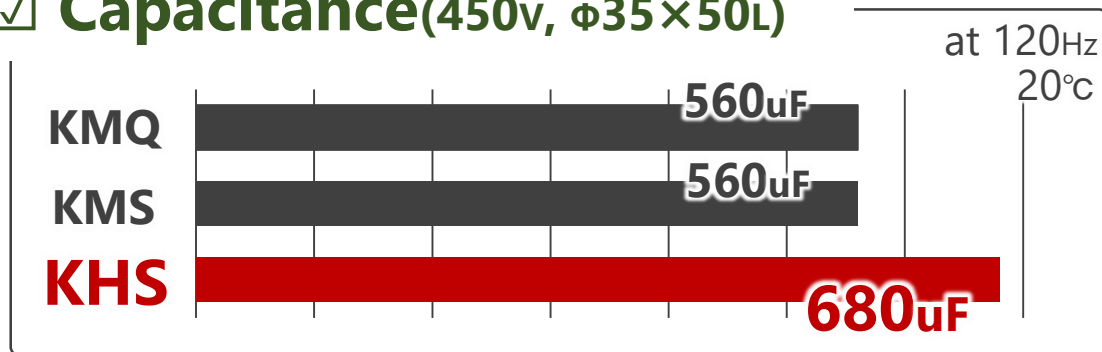
● Benefit/Evidence

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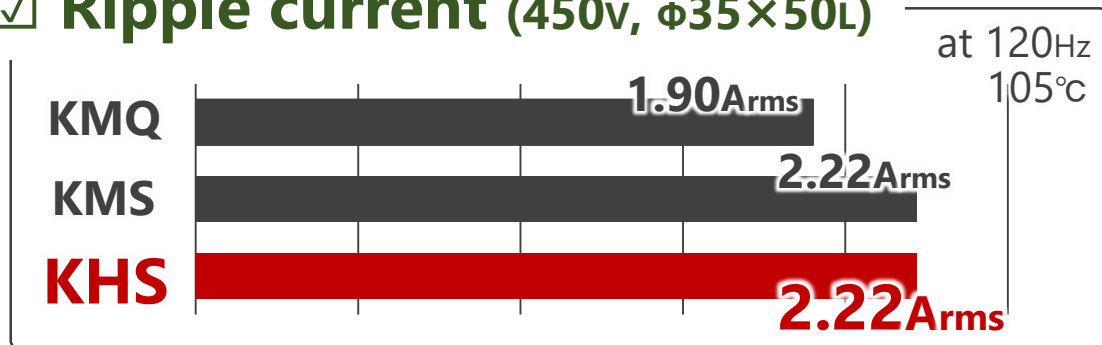
➔ ② Higher cap . . . Reduced # of capacitors



☑ Capacitance(450v, $\phi 35 \times 50L$)



☑ Ripple current (450v, $\phi 35 \times 50L$)



☑ Lifetime(450v, $\phi 35 \times 50L$)

