

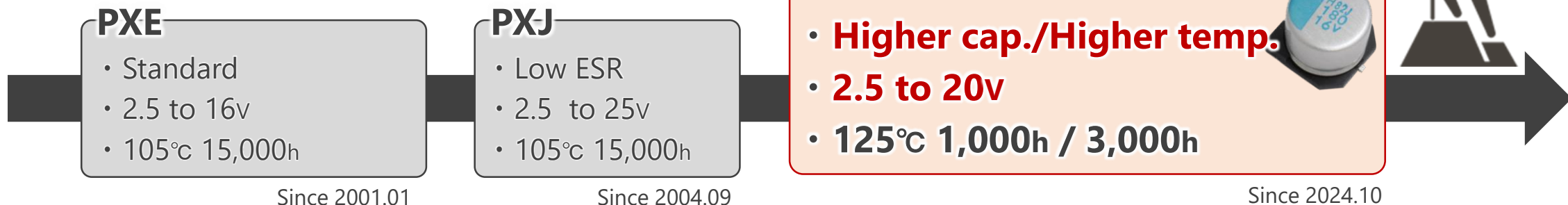
● Feature

- ✓ Endurance: 125°C 1,000h/3,000h
- ✓ Voltage: **2.5V_{dc} to 25V_{dc}**
- ✓ Capacitance: 22μF to 1,000μF
- ✓ Size: φ6.3×5.8L to φ10×7.7L
- ✓ **Higher heat resistance** than PXE(standard)

● Product Chart

- ✓ **Recommended to replace PXE/PXJ with PXH**

*Super low ESR/ High temperature series(Polymer / SMD type)



● Recommended Application

- ✓ Power supply that required output excellent filtering
- ✓ DC/DC Converter (POL Output Smoothing)
- ✓ Power supply for GPU / Server / Base station etc...

2024.10

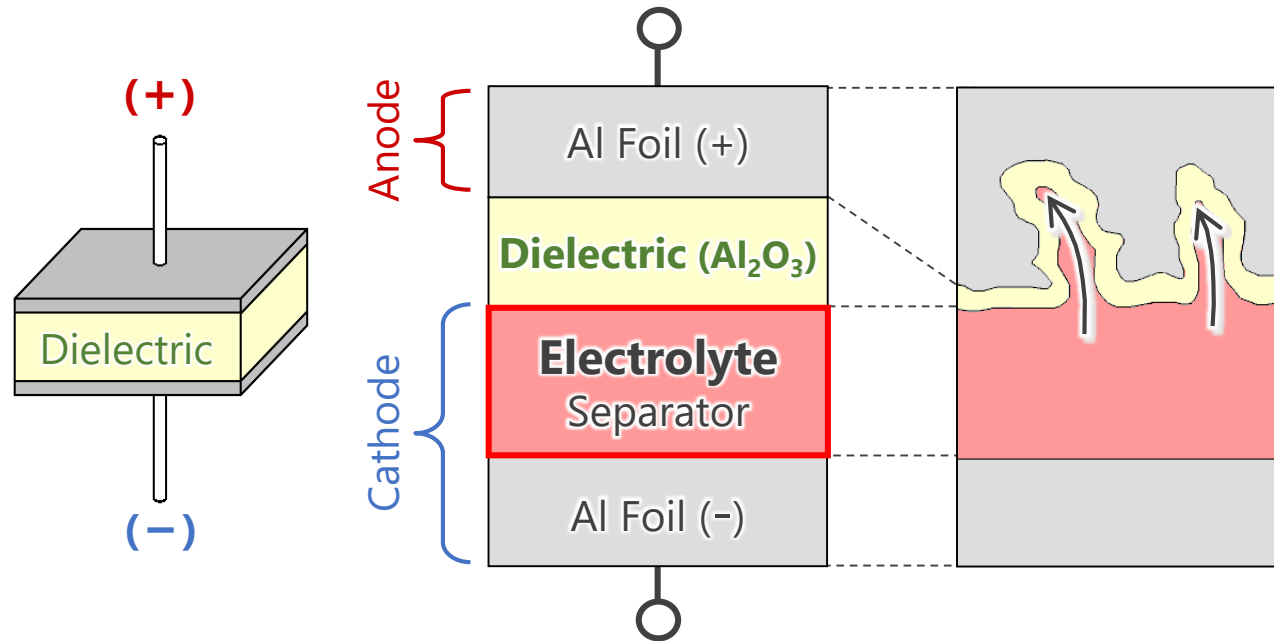
Upgrade!

PXH

- **Added new items**
2.5V820μF, 16V270μF (125°C 3,000h)
- **Higher cap./Higher temp.**
- **2.5 to 20v**
- **125°C 1,000h / 3,000h**



● Advantage

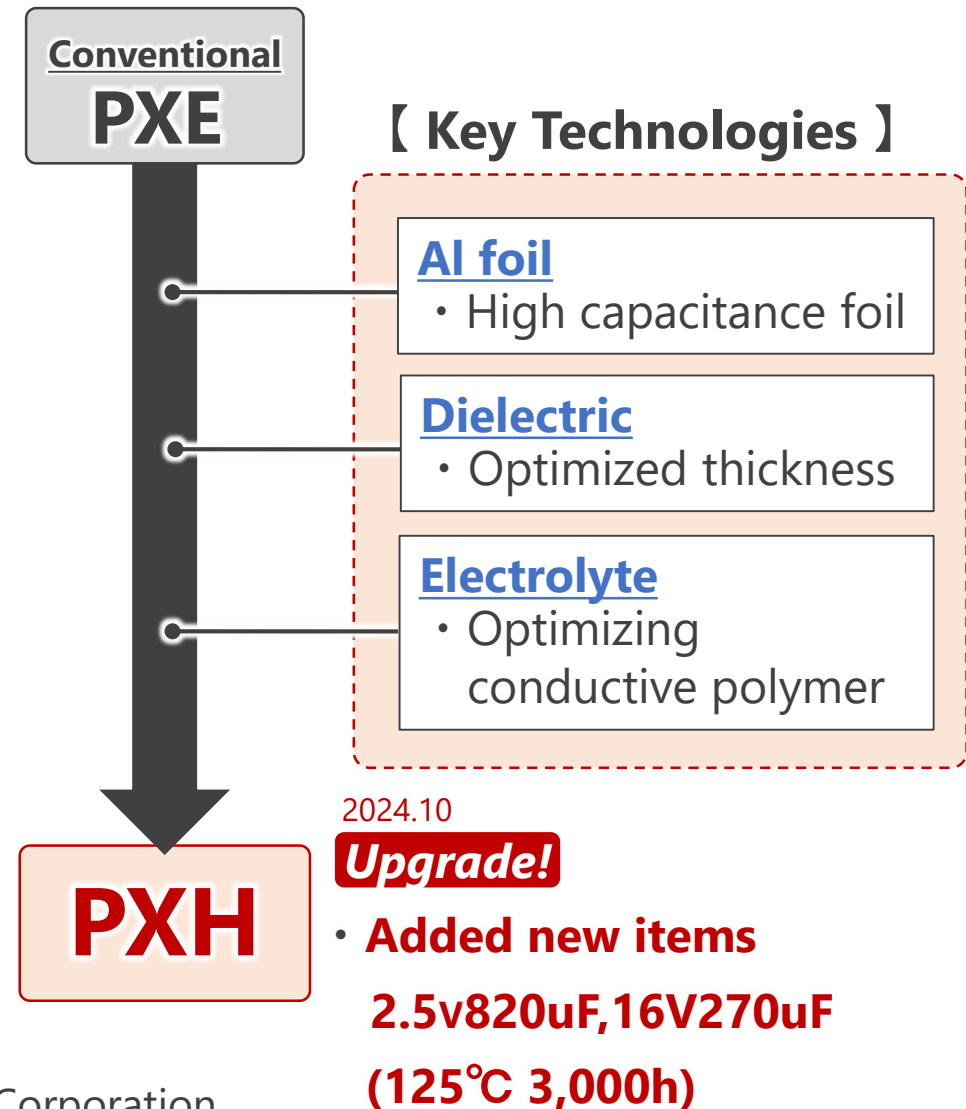


☑ Three advantages of PXH



- ① Super low ESR
- ② Higher ripple current
- ③ Higher temp.

(Supports 125°C in the same size)

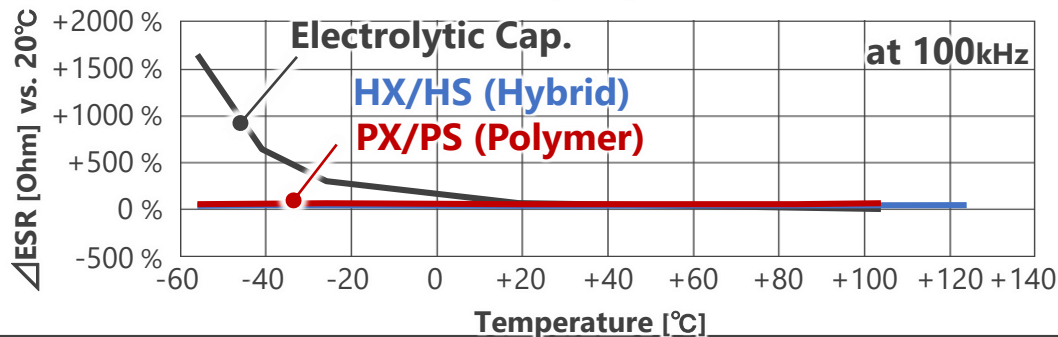
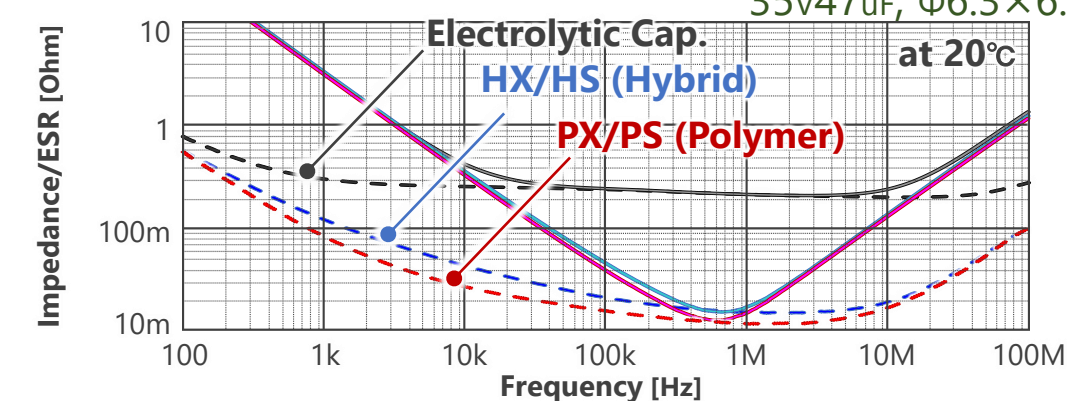


● Benefit/Evidence

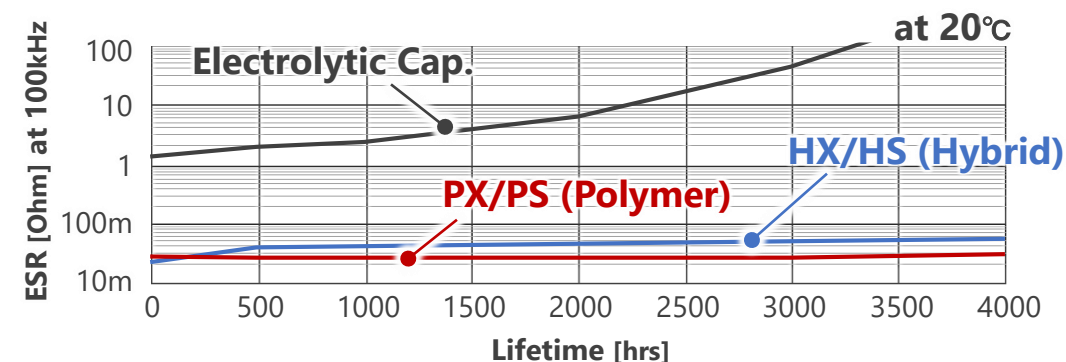
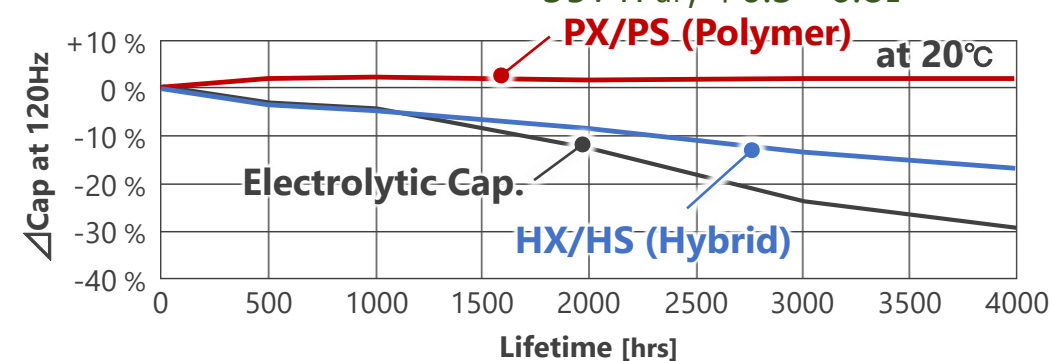
- ➡ ① **Super Low ESR** · · · Suitable for low noise or high performances power supply
- ② Higher ripple current · · · Equipment downsizing
- ③ Higher temp. · · · Thermal management near the CPU/GPU



☑ Temp. characteristics (ESR)

35V47 μ F, Φ 6.3 $\times$ 6.8L

☑ Endurance(ESR)

35V47 μ F, Φ 6.3 $\times$ 6.8L

● Benefit/Evidence

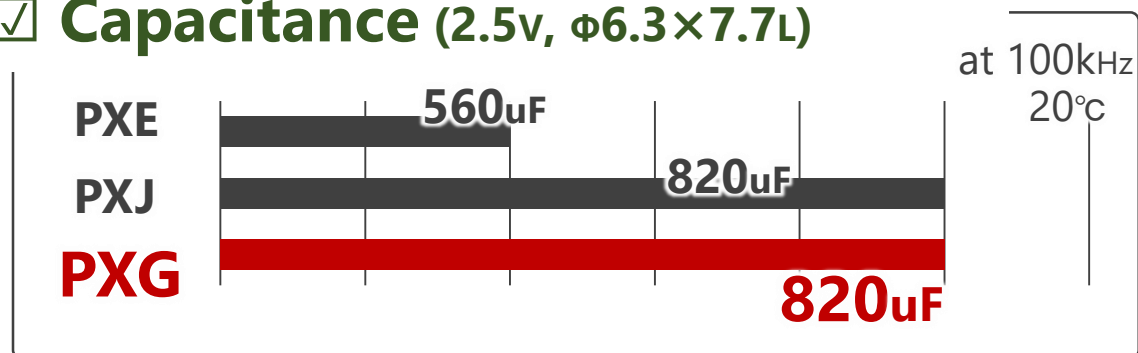
① Super Low ESR · · · Suitable for low noise or high performances power supply

➡ ② Higher ripple current · · · Equipment downsizing

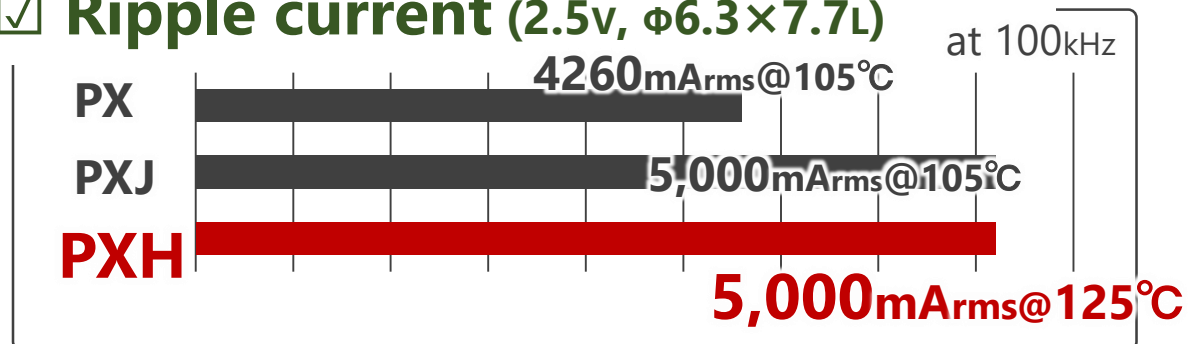
➡ ③ Higher temp. · · · Thermal management near the CPU/GPU



☑ Capacitance (2.5V, $\phi 6.3 \times 7.7L$)



☑ Ripple current (2.5V, $\phi 6.3 \times 7.7L$)



☑ Higher temp. (2.5V 820uF)

