

● Feature

- ✓ Endurance: **85°C 2,000h** (with Ripple)
- ✓ Voltage: **575V_{dc} to 700V_{dc}**
- ✓ Capacitance: 1,000 μ F to 5,600 μ F
- ✓ Size: $\phi 63.5 \times 70L$ to $\phi 89 \times 155L$
- ✓ **Higher voltage than RWE Series**

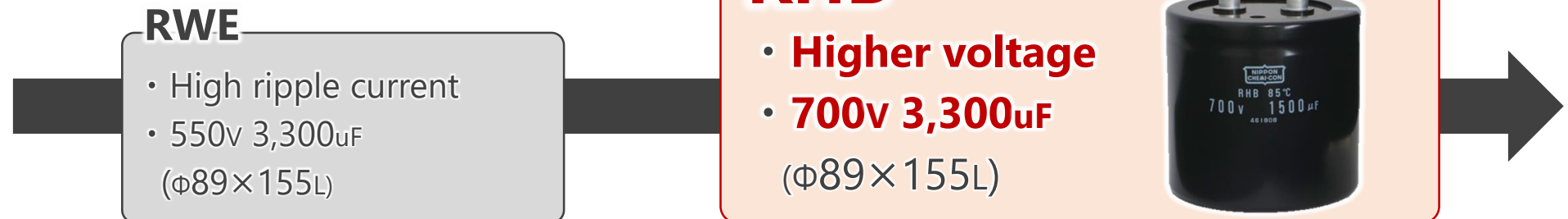
● Recommend Application

- ✓ High energy required application
- ✓ Power supply for welding machine
- ✓ Power supply for X-Ray
- ✓ High voltage pulse power supply

● Product Chart

- ✓ **Recommended to replace from RWE 2pcs in series to RHB 1pc.**

*Line up for higher voltage (85°C2,000h)

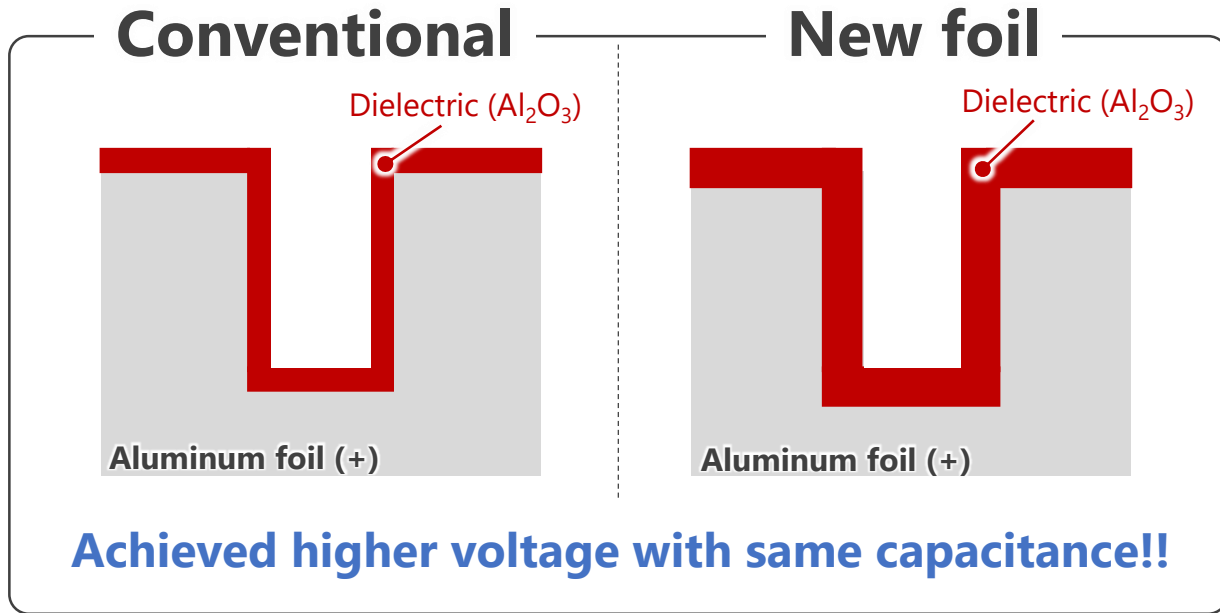


Since 1989

Since 2017.11



● Advantage



Conventional
RWE

【 Key Technologies 】

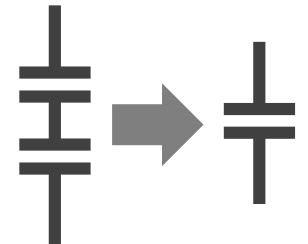
Aluminum foil (+)

- Adopted super high voltage foil

Electrolyte

- Adopted higher voltage technology

Higher voltage
RHB



✓ Two advantage from RWE to RHB



① **Higher Voltage** · · · 2pcs series to 1pc, or replace from Film cap.

② **Reduced number in series** · · · Space saving, remove balance resistance

● Benefit/Evidence

➔ ① **Higher Voltage** . . . 2pcs series to 1pc, or replace from Film cap.

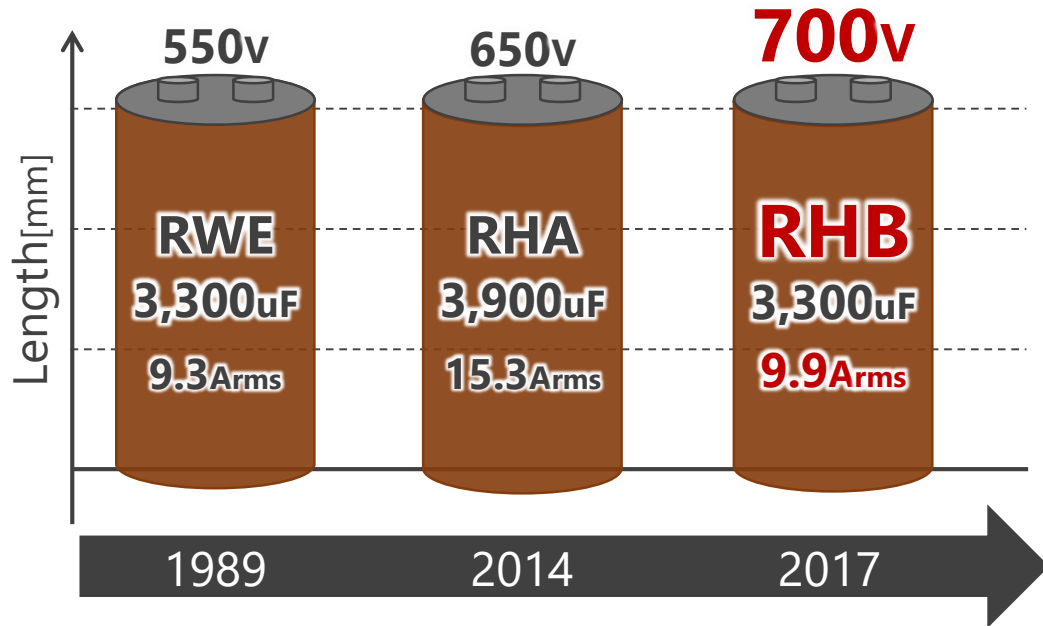
② Reduced number in series . . . Space saving, remove balance resistance



☑ Comparison by voltage

($\phi 89 \times 155L$, 85°C2,000hrs)

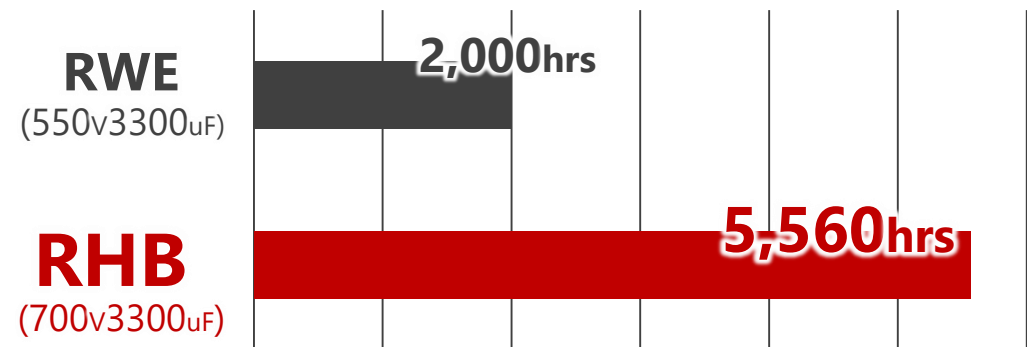
* RHA: 85°C5,000hrs



☑ Comparison by endurance

● Condition

- Applied voltage: 550Vdc
- Ambient temp: 85°C
- Ripple current: 9.3Arms/120Hz



● Benefit/Evidence

① Higher Voltage . . . 2pcs series to 1pc, or replace from Film cap.

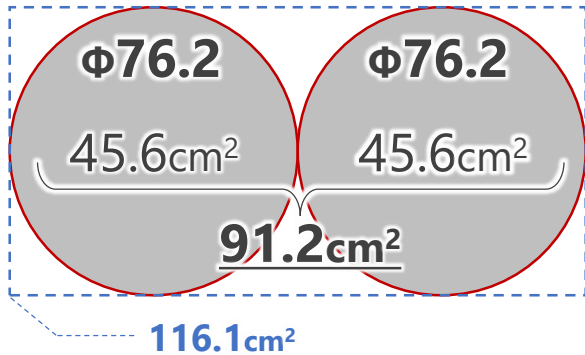
➔ ② Reduced number in series . . . Space saving, remove balance resistance



☑ Reduce area (350v×2s vs 700v)

RWE × 2pcs

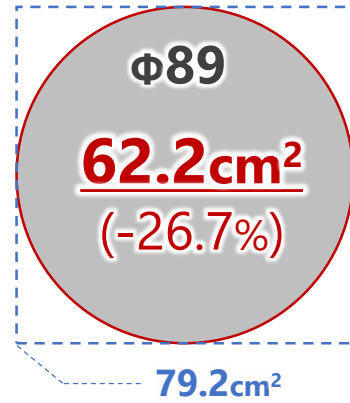
350V 6,800uF (φ76.2×130L)×2pcs
⇒700V, 3,400uF (15.9Arms)



1989

RHB × 1pc

700V 3,300uF (φ89×155L)
9.9Arms/pc

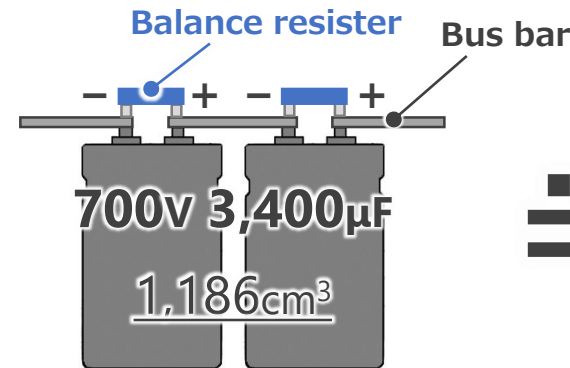


2017

☑ Reduce volume/number (350v×2s vs 700v)

RWE × 2pcs

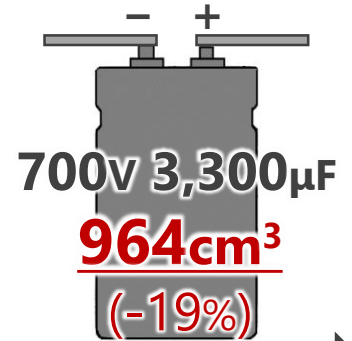
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⇒700V, 3,400uF (15.9Arms)



1989

RHB × 1pc

700V 3,300uF (φ89×155L)
9.9Arms/pc



2017