



Dry epoxy resin filling capacitor with square aluminum case type G77

1、 Outline”

2、 Characteristics:

- Metallized polypropylene film
- Low inductance
- Low loss
- Low ESR
- Withstand high current
- Withstand high surge current
- Withstand peak current
- Self-healing
- Long service life
- Easy to install



3、 Applications:

SVG、 HVDC、 Facts、 SVG, power transmission and transformation HVDC, Facts, high power conversion, DC filter of inverter power supply, DC chain, mine, energy storage pulsed power, and etc.

4、 Performance indicators:

Rated voltage	500Vdc~6000Vdc
Rated capacitance	1μF~11000μF
Capacitance tolerance	±5% , ±10%
Dielectric Loss Tangent	2×10^{-4}
Loss Tangent	$\bullet 25 \times 10^{-4}$ (1V, 100Hz)
Withstand voltage between terminals	1.5Un, 10/60s
Withstand voltage between terminal and case	(2Un+1000) Vac, 60s
Operating temp. (case)	-40°C~+70°C
Hot-spot temperature	-40°C~+85°C
Expected life (hour)	>100000
Climate category	40/85/56
Encapsulation	Stainless steel or aluminum
Impregnant	PU resin, epoxy resin