



## Vegetable oil filling capacitor with square stainless steel case type Y67

### 1、 Outline:

### 2、 Characteristics:

- Micro segment 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
- High field strength



### 3、 Applications:

SVG, high power conversion, filtering of inverter, energy-storage power supply, and etc.

### 4、 Performance indicators:

Rated voltage	500Vdc~6000Vdc
Rated capacity	100 $\mu$ F~9000 $\mu$ F
Capacitance tolerance	$\pm 5\%$ , $\pm 10\%$
Dielectric Loss Tangent	$2 \times 10^{-4}$
Loss Tangent	$25 \times 10^{-4}$ (1V, 100Hz)
Withstand voltage between terminals	1.5Un, 10/60s
Withstand voltage between terminal and case	(2Un+1000) Vac, 60s
Operating temp. (case)	-40 $^{\circ}$ C~+70 $^{\circ}$ C
Hot-spot temperature	-40 $^{\circ}$ C~+85 $^{\circ}$ C
Expected life (hour)	>100000
Climate category	40/85/56
Encapsulation	Stainless steel or aluminum
Impregnant	vegetable oil