



## Vegetable oil filling capacitor with square stainless steel case type Y61

### 1、 Outline

### 2、 Characteristics:

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



### 3、 Applications:

Electric locomotives, high-speed rail, EMUs, subway, light railway, ship propulsion and high power industrial frequency converter.

### 4、 Performance indicators:

Rated voltage	500Vdc~6000Vdc
Rated capacitance	100 $\mu$ F~20000 $\mu$ F
Capacitance tolerance	$\pm 5\%$ , $\pm 10\%$
Dielectric Loss Tangent	$2 \times 10^{-4}$
Loss Tangent	$\bullet 20 \times 10^{-4}$ (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	Plant oil