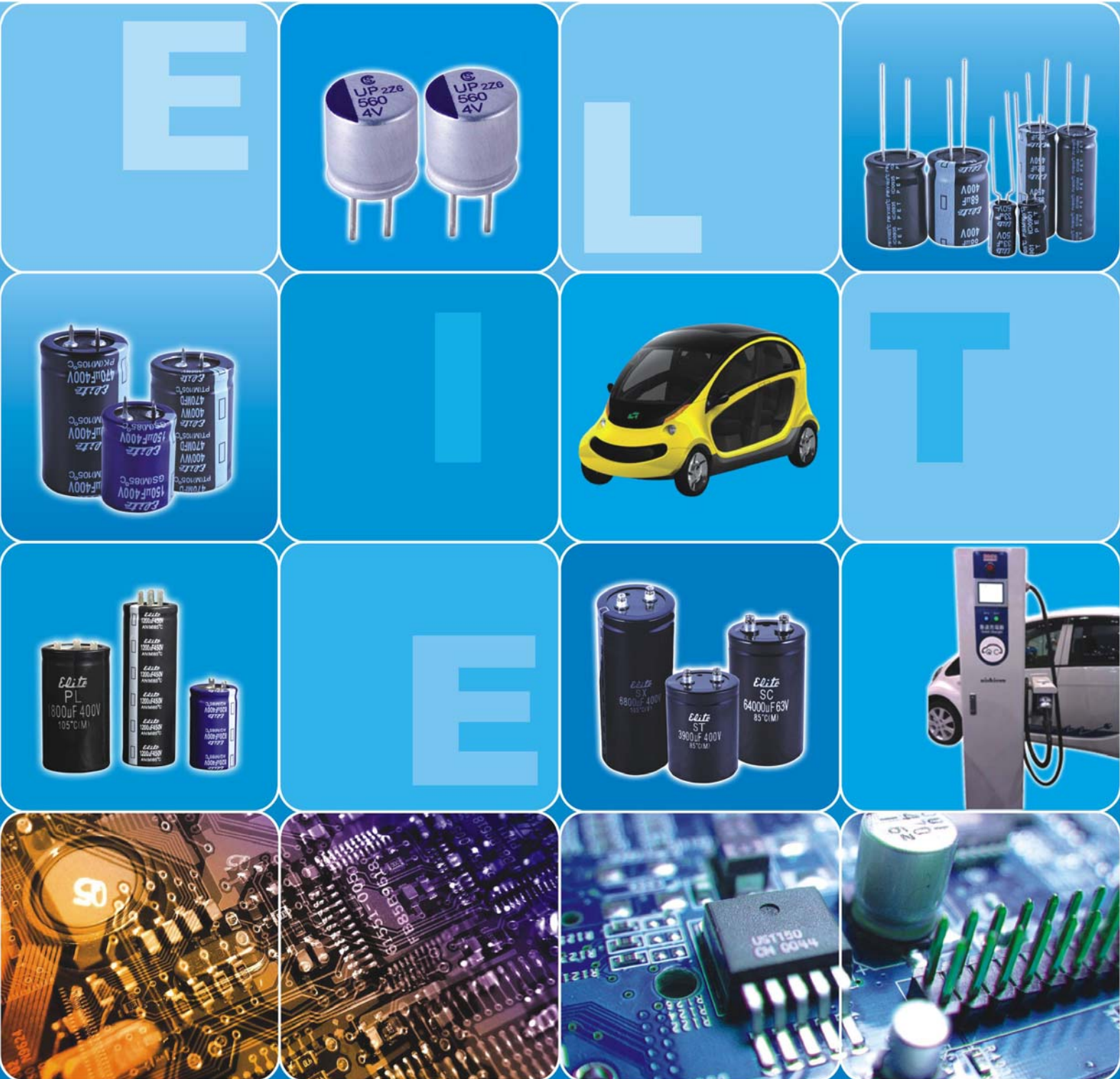


Recommended  
Products



# ALUMINUM ELECTROLYTIC CAPACITOR RECOMMEND



**Low Impedance Long Life**

**ED Series**

- Category Temperature Range: -40 ~ 105°C
- Endurance Life: 105°C 2000~5000Hrs
- Working Voltage: 6.3~100V
- Capacitance Range: 10 ~ 10000µF



**Extremely Low ESR**

**EB Series**

- Category Temperature Range: -40 ~ 105°C
- Endurance Life: 105°C 1000~2000Hrs
- Working Voltage: 6.3~16V
- Capacitance Range: 82 ~ 3300µF



**Low Impedance**

**EL Series**

- Category Temperature Range: -40 ~ 105°C
- Endurance Life: 105°C 2000Hrs
- Working Voltage: 6.3~50V
- Capacitance Range: 56 ~ 6800µF



**ES Series**

**Standard Products**

105°C 2000Hrs

**Long Life**

**EJ Series**

- Category Temperature Range: -55 ~ 105°C
- Endurance Life: 105°C 5000Hrs
- Working Voltage: 6.3~63V
- Capacitance Range: 10 ~ 10000µF



**Long Life**

**EG/EV Series**

- Category Temperature Range: -55 ~ 105°C
- Endurance Life: 105°C 3000~6000Hrs
- Working Voltage: 6.3~63V
- Capacitance Range: 10 ~ 10000µF



**Longer Life**

**EY Series**

- Category Temperature Range: -55 ~ 105°C
- Endurance Life: 105°C 4000~10000Hrs
- Working Voltage: 6.3~100V
- Capacitance Range: 6.8 ~ 18000µF



**EH Series**

- 9mm Height (10~12.5Φ)
- Category Temperature Range: -55 ~ 105°C
- Endurance Life: 105°C 3000~4000Hrs
- Working Voltage: 10~35V
- Capacitance Range: 150 ~ 820µF



**ER Series**

- 7 & 9 mm Height (8Φ)
- Category Temperature Range: -40 ~ 105°C
- Endurance Life: 105°C 3000Hrs
- Working Voltage: 6.3~35V
- Capacitance Range: 33 ~ 470µF



**Standard Products**

**EM Series**

- 7 & 9 mm Height (8Φ)
- Category Temperature Range: -40 ~ 105°C
- Endurance Life: 105°C 1000~2000Hrs
- Working Voltage: 6.3~35V
- Capacitance Range: 33 ~ 470µF



**Small Size**

**EP Series**

- 12 mm Height (12.5Φ)
- Category Temperature Range: -40 ~ 105°C
- Endurance Life: 105°C 4000Hrs
- Working Voltage: 10~100V
- Capacitance Range: 68 ~ 1800µF



**Small Size**

**EC Series**

- 12 mm Height (12.5Φ)
- Category Temperature Range: -40 ~ 105°C
- Endurance Life: 105°C 5000Hrs
- Working Voltage: 10~100V
- Capacitance Range: 68 ~ 1800µF





Small, Long Life

**KJ Series**

- Suitable For LED Lighting, Long Life, High Reliability Application
- Small Size, Long Life
- Endurance Life: 105°C 10000~12000Hrs
- Working Voltage: 160 ~450V



Suitable For Power Input, Home Appliance, Entertainment Electric Products

High Ripple Current, Long Life

**PJ Series**

- Category Temperature Range: -25 ~ 105°C
- Endurance Life: 105°C 8000~10000Hrs
- Working Voltage: 160 ~450V
- Capacitance Range: 6.8 ~ 330μF



High Ripple Current, Long Life

**PV Series**

- Category Temperature Range: -25 ~ 105°C
- Endurance Life: 105°C 2000~5000Hrs
- Working Voltage: 200 ~450V
- Capacitance Range: 6.8 ~ 470μF



Standard Products

**PW Series**

- Category Temperature Range: -25 ~ 105°C
- Endurance Life: 105°C 2000Hrs
- Working Voltage: 200 ~500V
- Capacitance Range: 10 ~ 470μF



Suitable For Adaptor, Charger Products

Long Life, Low DF

**DJ Series**

- Category Temperature Range: -25 ~ 105°C
- Endurance Life: 105°C 8000~10000Hrs
- Working Voltage: 200 ~450V
- Capacitance Range: 6.3~330μF
- Comply With EMI Test

DF ≤ 5%



Long Life, Low DF

**DV Series**

- Category Temperature Range: -25 ~ 105°C
- Endurance Life: 105°C 5000Hrs
- Working Voltage: 200 ~450V
- Capacitance Range: 6.8~470μF
- Comply With EMI Test

DF ≤ 5%



Small Size, Low DF

**DW Series**

- Category Temperature Range: -25 ~ 105°C
- Endurance Life: 105°C 2000Hrs
- Working Voltage: 200 ~450V
- Capacitance Range: 68~470μF
- Comply With EMI Test

DF ≤ 5%



## Slim Type Save Space

### PZ Series

Standard Slim Size Products;  
 Suitable for horizontal mounting for low profile application;  
 Suitable Slim Power Supply;  
 ■ Endurance Life:105°C 2000Hrs  
 ■ Working Voltage:200 ~450V



## Small Size, Low DF

### DZ Series

**DF ≤ 5%**

Small Size, Low DF Products;  
 ■ Endurance Life:105°C 2000Hrs  
 ■ Working Voltage:200 ~450V  
 ■ Capacitance Range:18~270μF  
 ■ Comply With EMI Test



## Slim Type, Long Life

### PA Series

Small Size, Long Life, Suitable for Slim TV ,LCD Products  
 ■ Endurance Life:105°C 5000Hrs  
 ■ Working Voltage:400 ~450V  
 ■ Capacitance Range:33~120μF



Small Size, Long Life, Suitable For Lighting Ballast

## Long Life, Low DF

### DA Series

**DF ≤ 5%**

■ Category Temperature Range:  
 -25 ~ 105°C  
 ■ Endurance Life:105°C 5000Hrs  
 ■ Working Voltage:400 ~450V  
 ■ Capacitance Range:33~120μF  
 ■ Comply With EMI Test



## Slim Type, Long Life

### PQ Series

Small Size, Long Life, Multi Size ,  
 Suitable for Slim TV ,LCD Products  
 ■ Endurance Life:105°C 10000小时  
 ■ Working Voltage:200 ~450V  
 ■ Capacitance Range:33~220μF



## Long Life, Low DF

### DQ Series

**DF ≤ 5%**

■ Category Temperature Range:  
 -25 ~ 105°C  
 ■ Endurance Life:105°C 10000小时  
 ■ Working Voltage:200 ~450V  
 ■ Capacitance Range:33~220μF  
 ■ Comply With EMI Test





130°C High Temperature



125°C High Temperature, Long Life

**TL Series**

Suitable for High Temperature Application Controller such as electric power steering system, direct injection engine

- Endurance Life: 125°C 3000~5000Hrs
- Working Voltage: 10 ~50V
- Capacitance Range: 22~1000μF



125°C High Temperature

**PY Series**

Suitable for lighting equipment and car electric equipment

- Endurance Life: 125°C 2000Hrs
- Working Voltage: 10 ~450V
- Capacitance Range: 4.7~1000μF



Safety Countermeasure Products

Suitable For Adaptor, Charger, TV Products

**SW Series**

- Category Temperature Range: -25~105°C
- Endurance Life: 105°C 2000Hrs
- Working Voltage: 160~450V
- Capacitance Range: 22~680μF



**SQ Series**

- Category Temperature Range: -25~105°C
- Endurance Life: 105°C 5000Hrs
- Working Voltage: 160~450V
- Capacitance Range: 22~680μF



**SP Series**

- Category Temperature Range: -25~105°C
- Endurance Life: 105°C 10000Hrs
- Working Voltage: 160~450V
- Capacitance Range: 22~680μF



Capacitor For Over Voltage Application

Prevent Spark During Over Voltage Application

**VW Series**

- Category Temperature Range: -25~105°C
- Endurance Life: 105°C 2000Hrs
- Working Voltage: 160~450V
- Capacitance Range: 22~680μF



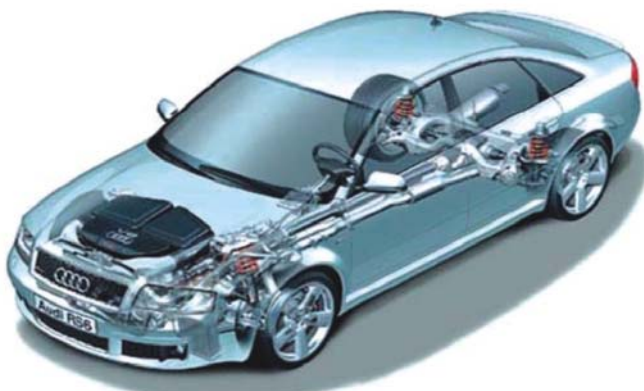
**VQ Series**

- Category Temperature Range: -25~105°C
- Endurance Life: 105°C 5000Hrs
- Working Voltage: 160~450V
- Capacitance Range: 22~680μF



**VJ Series**

- Category Temperature Range: -25~105°C
- Endurance Life: 105°C 10000Hrs
- Working Voltage: 160~450V
- Capacitance Range: 22~680μF

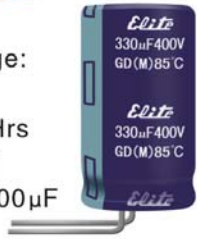


Suitable for TV/Switch Power Supply

85°C Suitable for horizontal mounting

**GD Series**

- Category Temperature Range: -25 ~ 85°C
- Endurance Life: 85°C 2000Hrs
- Working Voltage: 160~450V
- Capacitance Range: 82 ~1200µF



105°C Suitable for horizontal mounting

**PX Series**

- Category Temperature Range: -25 ~ 105°C
- Endurance Life: 105°C 2000Hrs
- Working Voltage: 160~450V
- Capacitance Range: 68 ~1500µF



Standard Products

**GM Series**

- Category Temperature Range: -25 ~ 85°C
- Endurance Life: 85°C 2000Hrs
- Working Voltage: 160~500V
- Capacitance Range: 56 ~2700µF



Customized Products

Multi Terminal Design  
Customized Products



105°C Standard Products

**PL Series**

- Category Temperature Range: -25 ~ 85°C
- Endurance Life: 105°C 2000Hrs
- Working Voltage: 160~500V
- Capacitance Range: 47 ~2200µF



Suitable For Home Appliance,UPS,Switch Power Supply

Small Size, Long Life

**GS Series**

- Category Temperature Range: -25 ~ 85°C
- Endurance Life: 85°C 3000Hrs
- Working Voltage: 200~450V
- Capacitance Range: 68 ~2200µF



Small Size, Long Life

**GV Series**

- Category Temperature Range: -25 ~ 85°C
- Endurance Life: 85°C 5000Hrs
- Working Voltage: 200~500V
- Capacitance Range: 56 ~2200µF



Suitable For Air Conditioner ,UPS,Switch Power Supply

105°C Long Life

**PK/PD Series**

- Category Temperature Range: -25 ~ 105°C
- Endurance Life: 105°C 3000Hrs
- Working Voltage: 200~450V
- Capacitance Range: 56 ~1800µF



105°C Long Life

**PT/PG Series**

- Category Temperature Range: -25 ~ 105°C
- Endurance Life: 105°C 4000~5000Hrs
- Working Voltage: 200~450V
- Capacitance Range: 68 ~1800µF





## Lug Type

## Suitable For Power Input Application

### Lug Type

#### AQ Series

- Category Temperature Range: -25 ~ 85°C
- Endurance Life: 85°C 3000Hrs
- Working Voltage: 400~450V
- Capacitance Range: 330 ~820 $\mu$ F



### Lug Type

#### AN Series

- Category Temperature Range: -25 ~ 85°C
- Endurance Life 85°C 3000Hrs
- Working Voltage: 400~450V
- Capacitance Range: 800 ~3300  $\mu$ F



## Suitable For Server Power Supply With High Frequency Switch On/Off

### Long Life, High Ripple Current

#### PO Series

- Endurance Life: 105°C 2000Hrs
- Working Voltage: 400~450V
- Capacitance Range:68 ~680 $\mu$ F



### Long Life, High Ripple Current

#### PI Series

- Endurance Life:105°C 3000Hrs
- Working Voltage: 400~450V
- Capacitance Range: 56 ~680 $\mu$ F



## Screw Type

## Suitable For Inverter Application

### 85°C Long Life

#### SA Series

High Ripple Current, Long Life

- Endurance Life: 85°C 5000Hrs
- Working Voltage: 160~450V
- Capacitance Range:  
1000 ~ 68000 $\mu$ F



### 85°C Long Life

#### SL Series

High Ripple Current, Long Life

- Endurance Life: 85°C 20000Hrs
- Working Voltage: 200~400V
- Capacitance Range:  
1000 ~ 39000 $\mu$ F



### 85°C Standard Products

#### SC Series

High Ripple Current

- Endurance Life: 85°C 2000Hrs
- Working Voltage: 200~450V
- Capacitance Range:  
82 ~ 33000 $\mu$ F



### 105°C Standard Products

#### SK Series

- Endurance Life: 105°C 2000Hrs
- Working Voltage: 200~400V
- Capacitance Range:  
1000 ~ 39000 $\mu$ F



### High Temperature, Long Life

#### SX Series

Suitable for Switch Power Supply and Inverter

- Endurance Life: 105°C 5000Hrs
- Working Voltage: 200~400V
- Capacitance Range:  
1000 ~ 39000 $\mu$ F





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