

PPC series Energy storage & pulse discharge applications



FEATURES

- Military technologies, CABO Patented
- Reliable lifetime, High energy density
- Flame Retardant
- Self-healing
- RoHs compliant

APPLICATIONS

- Energy storage element
- Defibrillators
- Medical devices

PPC SERIES DEFIBRILLATORS CAPACITOR

PPC series defibrillator capacitors are designed for discharge applications such as external defibrillators, lasers, electronic flash, and other pulse application devices like medical devices and food/water cleaning machines. A very high specific energy level with 100% test specifically to meet the reliability demands of medical device.

ELECTRICAL CHARACTERISTICS

Capacitance Range:	30~500 μ F
Operating Temperature:	-40 $^{\circ}$ C~+85 $^{\circ}$ C
Capacitance Tolerance:	\pm 5%(J)
Rated Voltage (U _n):	Up to 6000V _{dc}
Rated Energy:	Up to 800 Joules
Designed Life:	10,000 shots / others are available on request
Flame retardation:	UL94 V-0
CABO patents	ZL 202122792108.7 / ZL 202220106845.9

OUTLINE DRAWING

CATEGORIES	BODY	TERMINALS	OUTLINE CODE
○ Cylindrical			A B
○ Oval type			C

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COMMON DESIGN

Rated voltage (V _{dc})	Capacitance (μF)	Rated energy (J)	Dimensions (mm)			
			L	W	H	D
1800	134	217			120	45
	150	243			93	60
	182	295			118	65
2000	76	152			117	50
	88	176			93	60
	105	210			120	45
2200	76	184			117	50
	88	212			93	60
	105	254			122	55
	120	290			123	60.5
	195	470			118	65
2300	105	278			120	45
	185	489			118	65
	196	518			123	60.5
	195	515	71	47.3	147	
	240	635	95	50	150	
2400	74	213			93	60
	100	288			123	60.5
2500	64	200			112	40
2600	54	182			117	50
	62	210			93	60
	85	287			123	60.5
2700	55	200			94	32
3000	100	450	74	49	146	
	195	877			182	76
5300	32	450	90	48	150	
6000	32	576	93	50	175	

* CABO reserves the right to make changes without further notice to any products herein to improve reliability, function or design.

* Other values and dimensions are available on request.

CABO is a leading brand of high reliability capacitors, providing specifically designed solutions to meet the reliability needs of industrial, military, medical and specialized applications worldwide.

As a well-known brand of China, CABO capacitors are among the world's most reliable component. Focus on High-End global markets and High reliability request fields, providing customization services. With world-class design, testing and manufacturing facilities in China, enable the quick turn-around for fast and mass delivery worldwide.

Our extensive custom design and development capabilities coupled with standardized mass production capacity offerings allow us to be a competitive option for power electronics industry.