

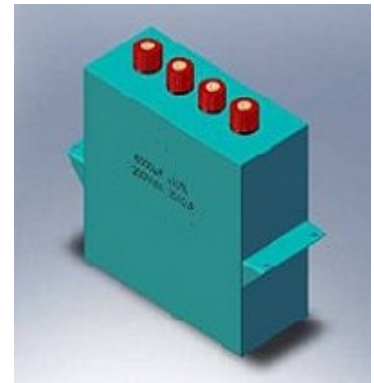
UC34 Series

DC Link / High-Energy DC Filter

UC34 直流链接&滤波电容

* 产品简介 (General Description)

介质材料 (Dielectric):	聚丙烯膜(Polypropylene)
外壳结构 (Case):	铝外壳或不锈钢
引出端头 (Terminals):	螺母&螺栓 (Female terminals)
内部结构 (Technology):	阻燃树脂填充无感干式结构 (No-Inductive, Dry Film)
工作温度 (Work Temperature):	- 40 ~ + 85°C
产品特性 (Performance):	较低的等效串联电阻 (Low ESR) 较低的等效串联电感 (Low ESL) 较高的纹波电流承受能力 (High IRMS Current)



产品应用 (Application): UPS电源、高压变频器、风电变流器、混合动力逆变器，光伏逆变电源、牵引变流器、电力电子等
Traction Converter, Wind Power, HEV Inverter, FACTS, UPFC...

* 电气性能(Electrical Characteristics)

容值范围(Cn,Capacitance range):	1000 ~ 20000μF
容量偏差(Tolerance):	± 5% (J)、± 10% (K)
工作电压(Urms, Rated AC Voltage):	800VDC ~ 6000VDC
极间耐电压(UTT):	1.5 * Un @ 60s , 25°C
电极与外壳耐压(UTC):	4KVAC @ 10s , 50Hz
介质损耗(tanδ):	< 0.02% @ 1kHz

** UTT: Test voltage between terminals

** UTC: Test voltage between terminals with case

* 标准产品电气性能表(Standard Electrical Data)

容量 Cap.	产品代码 Part Number	Ipeak (KA)	Irms (A)	ESL	ESR	Remark	TOL. %	Fres. kHz	Rth.° C/W
Un = 800 Vdc									
6800	UC34-08P680	90	300	<30	0.15	T3/T4	10%	10	0.7
9000	UC34-08P900	100	400	<30	0.16	T3/T4	10%	10	0.75
Un = 1200 Vdc									
3300	UC34-12P330	56	300	<30	0.38	T3/T4	10%	15.6	0.7
10000	UC34-12P1000	100	400	<30	0.2	T3/T4	10%	8.6	0.5
Un = 2000 Vdc									
900	UC34-20P900	30	220	<30	0.56	T3/T4	10%	30	0.65
1800	UC34-20P180	45	300	<30	0.41	T3/T4	10%	20	0.45

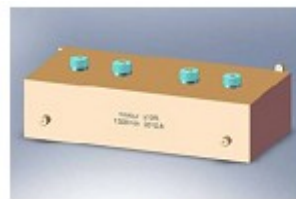
注：仅例举部分产品，另可根据客户要求定制产品！



T1



T2



T3



T4