

規範及特性 / Specification and Performance

型式 Type	油式保安型 Oil Type	乾式鐵殼型 M Type	乾式圓筒型 C Type
內部充填 Impregnated or Filling	精製植物油(無 PCB's) Vegetable oil(non-PCB's)	環氧樹脂 EPOXY	超臨界真空乾燥氮氣充填 Supercritical vacuum N2 filling
衝擊電壓(BIL) Impulse voltage (BIL)	15kV (1.2×50μS)	15kV (1.2×50μS)	---
包覆外殼 Outside Case	馬口鐵 / 不鏽鋼 Tin Plate or Stainless Steel	鍍鋅鋼板 Steel	耐壓鋁罐 Aluminum Can
保護等級 Degree of protection	IP 50	IP 50	IP 20
依據標準 Standards	CNS 1179, 3738; IEC 60831; JIS C 4901		
產品認證 Quality approval	正字標記認證 (台正字第2845號) CNS mark (No. 2845)		
工廠認證 Factory approval	ISO 9001(2015年版) 認證, ISO/IEC 17025(2005年版) TAF認證 ISO 9001:2015 certificated, ISO/IEC 17025 certificated		
適用高度 Usable altitude	海拔2000公尺以下; 乾式屋內型相對濕度95%以下 Not exceeding 2000M; Relative Humidity below 95% for dry-type and indoor use capacitors.		
電介質 Dielectric	蒸著金屬聚丙烯塑膠膜, 具自復性機能 Metallized polypropylene film with self-healing mechanism.		
頻率 Frequency	60Hz		
容量誤差 Tolerance	-5%~+10%		
周圍溫度 Ambient temperature	-25°C~+50°C (24小時平均溫度小於40°C, 一年平均溫度小於30°C) -25°C~+50°C (24hours average below 40°C, annual average below 30°C) [Other ambient temperature categories on request]		
最大容許過電壓 Maximum permissible voltage	額定電壓110% (24小時中8小時以內) 110% of rated voltage (8 hrs in every 24 hrs) 額定電壓115% (24小時中30分鐘以內) 115% of rated voltage (30 min in every 24 hrs) 額定電壓120% (5分鐘, 最多200次) 120% of rated voltage (5 min / max 200times) 額定電壓130% (1分鐘, 最多200次) 130% of rated voltage (1 min / max 200 times)		
最大容許過電流 Maximum permissible current	額定電流130% 130% of rated current		
介質損失率 Dissipation factor of dielectric	小於0.02% 或 0.2W / kVAR (不含放電電阻) Less than 0.02% or 0.2W / kVAR (without discharge resistors)		
電容器損失率 Dissipation factor of capacitor	小於0.15% 或 1.5W / kVAR (含放電電阻) Less than 0.15% or 1.5W / kVAR (with discharge resistors)		
端子間耐電壓 Test voltage between terminals	額定電壓×2.15VAC, 施加10秒 Rated voltage x 2.15 VAC, 10 second		
端子與外殼間耐電壓 Test voltage between terminals and case	3000VAC, 施加1分鐘 3000VAC, 1 minute (For indoor use)		
絕緣電阻(T-C) Insulation resistance	1000MΩ以上 above 1000MΩ		
放電特性 Discharge character	電容器切離電源1分鐘後, 殘餘電壓降至50V以下 The residual voltage drops to 50V or lower in 1 minute after capacitor being disconnected from power source.		
保安性 Safety	內裝壓力拉斷式保安裝置具過載及故障保護機能, 通過UL 810之AFC 10000A認證, 案號E112211. Internal protective device (Pressure sensitive interrupter) with overload and failure protection. UL 810 AFC 10000A approval, File NO. E112211.		
容許湧入電流 Max Inrush current	額定電流×200倍 Rated current x 200		

【其他規格規範均可承製】 Other specification available on request

油式保安型 低壓電力電容器

LOW VOLTAGE POWER CAPACITORS OIL TYPE



裕昌機電工廠股份有限公司
YUHCHANG ELECTRIC CO., LTD.

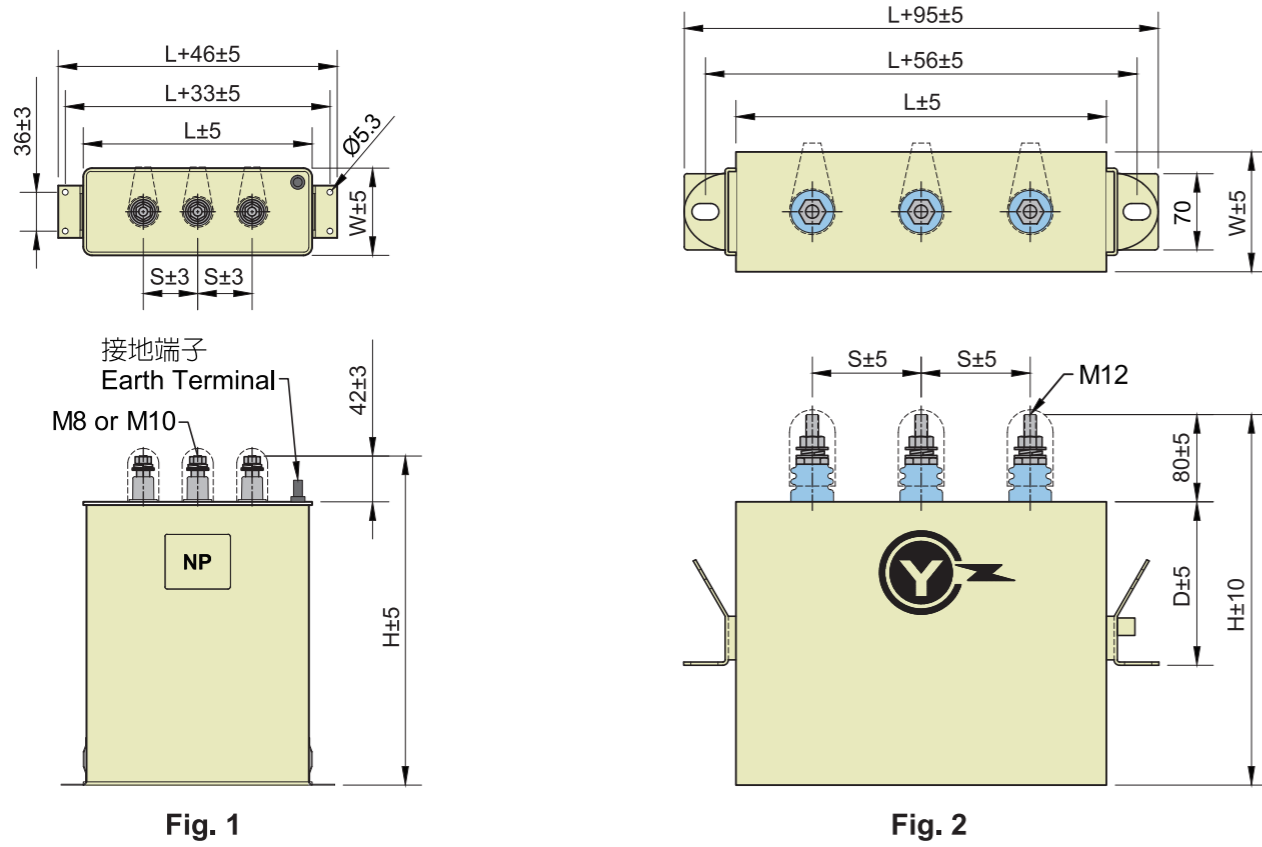
YCE CAT-17 V01.2018.08

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尺寸規格表 / Specification Size

60Hz

額定電壓 Voltage	型 式 Modle	額定容量 Capacity		額定電流 Current (A)	尺寸 Size(mm)					接線端子 Line terminals	概略重量 kg	參考圖 Diagram
		kVAR	μF		L	W	H	D	S			
440V	YSMA-44K10T	10	137	13.1	140	65	232	-	40	M8	2.2	Fig. 1
	YSMA-44K15T	15	206	19.7	140	65	312	-	40	M8	3.2	Fig. 1
	YSMA-44K20T	20	274	26.2	210	80	242	-	50	M8	4.0	Fig. 1
	YSMA-44K25T	25	343	32.8	210	80	272	-	50	M8	4.4	Fig. 1
	YSMA-44K30T	30	411	39.4	210	80	292	-	50	M8	4.7	Fig. 1
	YSMA-44K40T	40	548	52.5	210	80	352	-	50	M10	6.1	Fig. 1
	YSMA-44K50T	50	685	65.6	230	95	332	-	50	M10	6.8	Fig. 1
	YSMA-44K60T	60	822	78.7	230	95	372	-	50	M10	7.8	Fig. 1
	YSMA-44K75T	75	1028	98.4	340	110	350	150	100	M12	15.0	Fig. 2
	YSMA-44K80T	80	1096	105	340	110	360	150	100	M12	15.2	Fig. 2
YSMA-44K100T	100	1370	131	340	110	410	150	100	M12	17.8	Fig. 2	
480V	YSMA-48K10T	10	115	12.0	140	65	272	-	40	M8	2.6	Fig. 1
	YSMA-48K15T	15	173	18.0	140	65	342	-	40	M8	3.3	Fig. 1
	YSMA-48K20T	20	230	24.1	210	80	242	-	50	M8	4.0	Fig. 1
	YSMA-48K25T	25	288	30.1	210	80	272	-	50	M8	4.5	Fig. 1
	YSMA-48K30T	30	345	36.1	210	80	302	-	50	M8	5.0	Fig. 1
	YSMA-48K40T	40	461	48.1	210	80	362	-	50	M10	6.2	Fig. 1
	YSMA-48K50T	50	576	60.1	230	95	342	-	50	M10	7.1	Fig. 1
	YSMA-48K60T	60	691	72.2	230	95	392	-	50	M10	8.2	Fig. 1
525V	YSMA-52K10T	10	96	11.0	140	65	302	-	40	M8	2.7	Fig. 1
	YSMA-52K15T	15	144	16.5	210	80	232	-	50	M8	3.9	Fig. 1
	YSMA-52K20T	20	192	22.0	210	80	272	-	50	M8	4.5	Fig. 1
	YSMA-52K25T	25	241	27.5	210	80	312	-	50	M8	5.6	Fig. 1
	YSMA-52K30T	30	289	33.0	210	80	352	-	50	M8	5.7	Fig. 1
	YSMA-52K40T	40	385	44.0	230	95	332	-	50	M8	6.8	Fig. 1
	YSMA-52K50T	50	481	55.0	230	95	382	-	50	M10	8.0	Fig. 1
	YSMA-52K60T	60	577	66.0	230	95	442	-	50	M10	9.2	Fig. 1
YSMA-52K75T	75	722	82.5	340	110	400	150	100	M12	16.5	Fig. 2	
YSMA-52K80T	80	770	88.0	340	110	420	150	100	M12	18.2	Fig. 2	
YSMA-52K100T	100	962	110	340	110	480	150	100	M12	20.3	Fig. 2	

尺寸規格表 / Specification Size

60Hz

額定電壓 Voltage	型 式 Modle	額定容量 Capacity		額定電流 Current (A)	尺寸 Size(mm)					接線端子 Line terminals	概略重量 kg	參考圖 Diagram
		kVAR	μF		L	W	H	D	S			
260V	YSMA-26K10T	10	392	22.2	140	65	262	-	40	M8	2.5	Fig. 1
	YSMA-26K15T	15	589	33.3	140	65	352	-	40	M8	3.6	Fig. 1
	YSMA-26K20T	20	785	44.4	210	80	272	-	50	M8	4.5	Fig. 1
	YSMA-26K25T	25	981	55.5	210	80	312	-	50	M10	5.4	Fig. 1
	YSMA-26K30T	30	1177	66.6	210	80	362	-	50	M10	6.4	Fig. 1
	YSMA-26K40T	40	1570	88.8	340	110	300	120	100	M12	12.0	Fig. 2
	YSMA-26K50T	50	1962	111	340	110	330	150	100	M12	13.8	Fig. 2
	YSMA-26K60T	60	2354	133	340	110	350	150	100	M12	15.0	Fig. 2
	YSMA-26K75T	75	2943	167	340	110	420	150	100	M12	17.7	Fig. 2
	YSMA-26K80T	80	3139	178	340	110	430	150	100	M12	18.3	Fig. 2
280V	YSMA-28K10T	10	338	20.6	140	65	262	-	40	M8	2.6	Fig. 1
	YSMA-28K15T	15	507	30.9	140	65	322	-	40	M8	3.3	Fig. 1
	YSMA-28K20T	20	677	41.2	210	80	252	-	50	M8	4.2	Fig. 1
	YSMA-28K25T	25	846	51.6	210	80	282	-	50	M10	4.7	Fig. 1
	YSMA-28K30T	30	1015	61.9	210	80	322	-	50	M10	5.5	Fig. 1
	YSMA-28K40T	40	1353	82.5	340	110	270	120	100	M12	10.5	Fig. 2
	YSMA-28K50T	50	1692	103	340	110	300	120	100	M12	11.6	Fig. 2
	YSMA-28K60T	60	2030	124	340	110	330	150	100	M12	13.8	Fig. 2
	YSMA-28K75T	75	2537	155	340	110	370	150	100	M12	15.2	Fig. 2
	YSMA-28K80T	80	2707	165	340	110	380	150	100	M12	16.1	Fig. 2

【其他規格規範均可承製】 Other specification available on request