



The electrolytic capacitors of the **ELP** series are of high quality and comply with the most important international standards. They offer great reliability, low electrical losses and small dimensions suitable for any professional application.

PERFORMANCE DATA

■ Duration and Storage

Electrolytic capacitors can be stored without being powered for a period of:

- 6 years, if their nominal voltage value (V_n) < 100 V
- 3 years, if their nominal voltage value (V_n) > 100V, with temperatures up to 50 °C.

When the capacitors are stored for long periods the leakage current will initially be very high. Storage does not significantly affect expected life.

TECHNICAL DATA

Maximum Peak Current (as dimensions change)

D(mm)	L(mm)	I _{pk} (A)
35	52	200
35	79	300
35	105	400
51	79	300
51	105	400
63	105	800
76	105	1200
76	146	1800

Effective Maximum Current (as dimensions change)

D(mm)	L(mm)	I _{rms} Max(A)
35	52	22
35	79	22
35	105	22
51	79	25
51	105	25
63	105	50
76	105	50
76	146	50

QUALITY AND APPROVALS

Reference standards IEC 384 part 4 (1977) Long Life Grade .- IEC 382 part1 (1972) – CECC 30300 (1977) Long Life Grade
DIN 41240 (1975) – DIN 45919 part 12 (1977) Long Life Grade

CONFIGURATION

Table

Type	Vn/Vp (V)d.c.	Cn μF	Ø x H (mm)	Tgδ Max 100Hz 20°C	ESR 100Hz 20°C		Z Typ. 10kHz 20°C	If 5min. 20°C	Irms (ripple) 100Hz 85°C
					Typ.(mΩ)	Max (mΩ)	(mΩ)	(mA)	(A)
ELP 63/73 3300	63/73	3300	35x52	0.15	39	72	30	0.5	4.9
ELP 63/73 4700		4700	35x60	0.15	29	61	25	0.5	6.2
ELP 63/73 6800		6800	35x79	0.18	21	47	20	0.6	8.2
ELP 63/73 10000		10000	51x79	0.20	18	35	16	1.5	10.3
ELP 63/73 15000		15000	51x70	0.25	15	32	13	2.7	12.4
ELP 63/73 22000		22000	51x105	0.30	13	32	11	4.2	14.6
ELP 63/73 33000		33000	63x105	0.35	11	28	10	5.0	17.9
ELP 63/73 47000		47000	76x105	0.45	11	21	10	6.5	21.5
ELP 75/86 6800	75/86	6800	35x79	0.2	20	47	20	0.6	8.5
ELP 75/86 10000		10000	51x79	0.25	18	35	16	1.5	11.0
ELP 75/86 15000		15000	51x79	0.30	15	32	13	2.7	12.7
ELP 75/86 22000		22000	51x105	0.35	12	24	11	4.4	15.2
ELP 75/86 33000		33000	76x105	0.45	11	19	10	5.5	18.5
ELP 100/115 3300		100/115	3300	35x79	0.15	38	58	33	1.2
ELP 100/115 4700	4700		51x60	0.15	30	44	26	1.8	12.7
ELP 100/115 6800	6800		51x79	0.20	21	35	20	2.2	12.9
ELP 100/115 10000	10000		51x105	0.20	16	38	14	2.5	13.7
ELP 100/115 15000	15000		51x105	0.25	13	32	12	3.0	16.4
ELP 100/115 22000	22000		63x105	0.30	12	25	12	3.9	18.2
ELP 160/185 1500	160/185		1500	51x79	0.11	62	116	60	1.2
ELP 160/185 2200		2200	51x79	0.13	50	94	43	1.7	7.0
ELP 160/185 3300		3300	51x105	0.14	35	67	30	2.6	8.6
ELP 160/185 4700		4700	63x105	0.17	25	57	25	3.7	10.9
ELP 160/185 6800		6800	63x105	0.20	22	47	22	5.5	13.0
ELP 200/230 1000		200/230	1000	51x79	0.11	86	159	88	1.0
ELP 200/230 1500	1500		51x79	0.12	60	127	63	1.5	5.8
ELP 200/230 2200	2200		51x105	0.15	47	108	44	2.2	7.2
ELP 200/230 3300	3300		63x105	0.17	35	82	33	3.0	9.0
ELP 200/230 4700	4700		63x105	0.19	30	64	28	4.1	11.1
ELP 200/230 6800	6800		76x105	0.23	25	58	20	5.5	13.9
ELP 250/290 680	250/290	680	35x79	0.13	157	304	150	1.0	3.5
ELP 250/290 1000		1000	51x79	0.13	110	207	95	1.3	4.6
ELP 250/290 1500		1500	51x105	0.13	56	138	48	1.9	6.1
ELP 250/290 2200		2200	51x105	0.13	40	95	36	2.7	7.5
ELP 250/290 3300		3300	63x105	0.16	35	77	29	3.6	9.8
ELP 250/290 4700		4700	76x105	0.18	28	60	25	4.8	11.8
ELP 250/290 6800		6800	76x143	0.25	25	50	21	6.5	14.3
ELP 350/385 330	350/385	330	35x79	0.12	294	579	178	0.6	2.5
ELP 350/385 470		470	35x79	0.12	152	406	136	0.8	3.3
ELP 350/385 680		680	51x79	0.12	108	281	95	1.2	4.4
ELP 350/385 1000		1000	51x105	0.12	79	191	62	1.7	5.5
ELP 350/385 1500		1500	51x105	0.12	60	127	52	3.0	7.8
ELP 350/385 2200		2200	63x105	0.12	44	101	40	4.2	9.5
ELP 350/385 3300		3300	76x105	0.18	35	88	30	5.0	10.1
ELP 350/385 4700		4700	76x143	0.18	32	68	25	8.0	12.6
ELP 350/385 10000		10000	76x146	0.11	14	18	13	15.0	20.3
ELP 400/450 220	400/450	220	35x79	0.12	455	868	375	0.4	2.1
ELP 400/450 300		330	35x79	0.12	290	579	273	0.7	2.9
ELP 400/450 470		470	51x79	0.12	160	406	149	0.9	3.8
ELP 400/450 680		680	51x105	0.12	124	281	120	1.4	4.7
ELP 400/450 1000		1000	51x105	0.12	110	191	85	2.0	6.3
ELP 400/450 1500		1500	63x105	0.12	67	127	55	3.5	8.2
ELP 400/450 2200		2200	76x105	0.15	60	108	47	5.0	9.8
ELP 400/450 3300		3300	76x143	0.18	35	86	30	5.5	10.4
ELP 400/450 4700		4700	76x143	0.20	32	70	30	8.5	13.9
ELP 450/500 150	450/500	150	35x79	0.12	600	1273	580	0.4	1.5
ELP 450/500 200		220	35x79	0.12	412	868	350	0.5	2.2
ELP 450/500 330		330	35x79	0.12	210	627	175	0.7	3.1
ELP 450/500 470		470	51x79	0.12	160	440	151	1.1	4.0
ELP 450/500 680		680	51x105	0.12	124	351	120	1.5	5.0
ELP 450/500 1000		1000	51x105	0.12	110	238	85	2.5	6.5
ELP 450/500 1500		1500	63x105	0.15	67	159	55	4.0	8.5
ELP 450/500 2200		2200	76x143	0.18	60	144	47	5.0	10.3
ELP 450/500 3300		3300	76x143	0.22	35	76	30	6.0	11.2
ELP 450/500 4700		4700	76x143	0.25	32	71	30	8.5	15.0

Other solutions are available on request.