

CEDC SERIES

Gold Capacitors | Ultra Capacitors



■ Features

- Standard LIC modules
- Energy storage solution
- Application for AGV, power grid, EV, train, elevator
- Higher energy density
- RoHS compliant



Items	Characteristics		
Rated Voltage	32V~136V		
Operating Temperature Range	-25 ~+55°C		
Capacitance Range	277F~7500 F		
Capacitance Tolerance (25°C)	-20~+20%		
Temperature Characteristics	The specifications shall be met at category temperature range from -20°C to 55°C	Capacitance range	Within 30% of the value at 25 °C
		ESR	Less than 2 times of the initial specified value
High Temperature Loaded	The specifications shall be met after rated voltage applied at 55°C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value
High Temperature Storage	The specifications shall be met after storage at 55 °C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value
Cycle Life	The specifications shall be met after 50,000 cycles at 25°C	Capacitance range	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value

Standard Ratings for CEDC Series

U_n	U_{min}	Rated Cap. 25°C	ESR _{0c}	Rated Current	Size $\Phi L \times W \times H$	Weight	P/N
(v)	(v)	(F)	(mΩ)	(A)	(mm)	(Kg)	-
32	20	7500	10	300	702 x 405 x 230	41.5	CEDC032758M
48	30	833	35	50	338 x 144 x 204	7.7	CEDC048837M
64	43	400	55	32	458 x 228 x 75	6.4	CEDC064407M
91	63	416	55	50	311 x 138 x 290	11	CEDC091417M
136	90	277	75	50	305 x 138 x 415	17.5	CEDC136277M