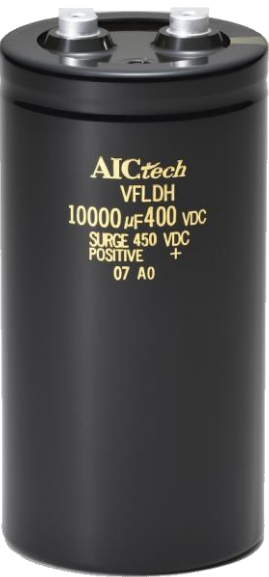


Screw Terminal Type Aluminum Electrolytic Capacitor

Option Service:Charge-Discharge Conform RoHS

Upgrade!



Features

- ◇ Suited to high frequency Charge-Discharge use for AC servomotor, general inverter.
 - ◇ Uses materials with improved Charge-Discharge durability.
 - ◇ To our regular series, we add Charge-Discharge function.
- The size / performance is as it is.

【 Update information 】

The Charge-Discharge durability has been upgraded from the previous 50 million Charge-Discharge cycles to 100 million cycles.

Product Specifications

Items	Specifications	
Rated voltage	400, 450V.DC	
Capacitance tolerance	± 20% (20°C, 120Hz)	
Leakage current	0.01CV (µA) or 5mA, whichever is smaller or less (20°C, after 5 minutes) [C = nominal capacitance (µF), V = rated voltage (V)]	
Dissipation factor	Less than the value specified in the standard products table. (20°C, 120Hz)	
Permissible ripple current	Please refer to the Reference page of Charge-Discharge available series.	
Endurance	After an application of specified ripple current on top of rated voltage for Warranty life at the maximum operating temperature, following requirements must be met.	Capacitance change : Within ± 15% of the initial value measured
Endurance of Charge-Discharge behavior	After an application of Charge-Discharge voltage for 100 million times (Charge-Discharge ΔV=150V, cycle 3 or 2 Hz*) at 40°C, following requirements must be met.	Dissipation factor : 175% or less than the initial value specified Leakage current : Less than or equal to the initial value specified

* The highest Charge-Discharge frequency is 2Hz as for the products of 10,000 µF or more, all other products are 3Hz.

Charge-Discharge option available series

Type of series	Temperature range	Useful life
VF	- 40°C ~ 85°C	4,000h
VFL		8,000h
VFH		20,000h
VG	- 40°C ~ 105°C	4,000h
VGL		8,000h

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