

SGDH Series HV DC Link / Filter Capacitor (Dry Type)

Samgor's DC Link / Filter Capacitor—engineered to meet the demanding performance standards of modern HVDC converter stations and mission-critical power transmission infrastructure.



KEY ADVANTAGES

- ▶ Dry Type
- ▶ Low Dielectric Loss
- ▶ Hermetic Seal
- ▶ High Strength
- ▶ Self-healing
- ▶ Excellent Temperature Rise Performance(<10K)
- ▶ FR4 Tube
- ▶ High Voltage Redundancy
- ▶ Polyurethane
- ▶ Low Internal Inductance

Application

- ▶ HVDC / VSC converters (Offshore wind power grid integration, asynchronous power grid interconnection, urban central power supply)

Technical Data

Capacitance Range:	0.5-5 μ F
Max. initial manufacturing tolerance:	0 to 5 %
Rated Voltage Range:	30-200kV(DC)
Test voltage between terminals:	1.5U _R (4H) / 2U _R (10s)



Dielectric loss:	$<8 \times 10^{-4}$
Rated ripple current:	15-50A
Rated resistance:	50-800M Ω
Withstand short circuit current:	65kA
Running time:	Continuous Running
Filling Material:	Polyurethane
Tube Material:	FR4
Operating Life:	> 20 years

Environmental

Temperature:	From -20°C to 60°C
Placement:	Indoor

Standard

IEC 61071:2025 GB/T 17702-2013

Contact us

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