



SPECIFICATION FOR APPROVAL

Model: DKMJ-AP

Spec.: 320uF±10% 750V.DC

Size: 190×95×47

Version	Description	Date
A/0	The initial version	2021-08-30

MADE	CHECKED	APPROVED	APPROVED
朱益娟	袁谭	俞广铨	

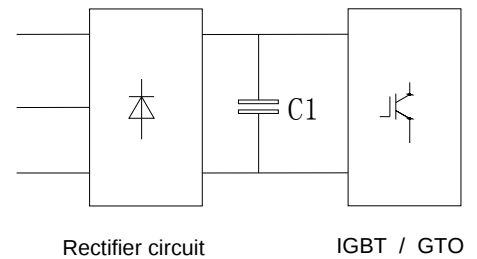
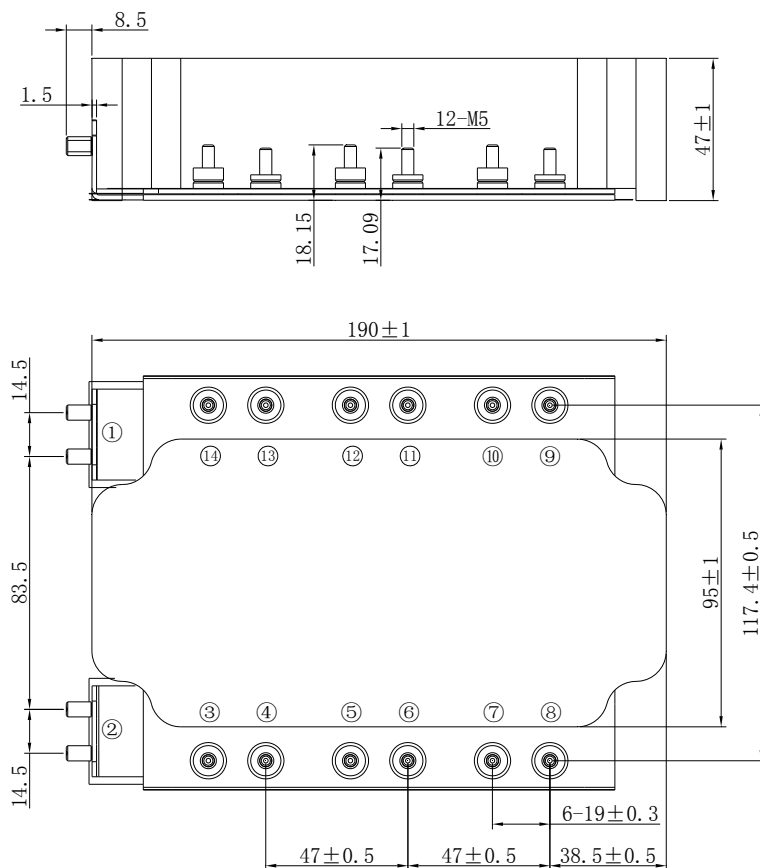
Application

- Widely used in DC-Link circuit for filtering energy storage
- Can replace electrolytic capacitors, better performance and longer life
- Wind power, photovoltaic power inverter; electric vehicles and hybrid vehicles; welding equipment ,power supplies and induction heating equipment, for the DC link filter
- Case material: Plastic

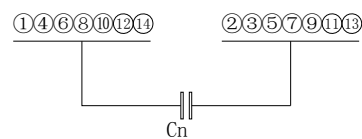
Standards: IEC61071

Outline drawing

Unit:mm



DC Link Capacitance (C1)

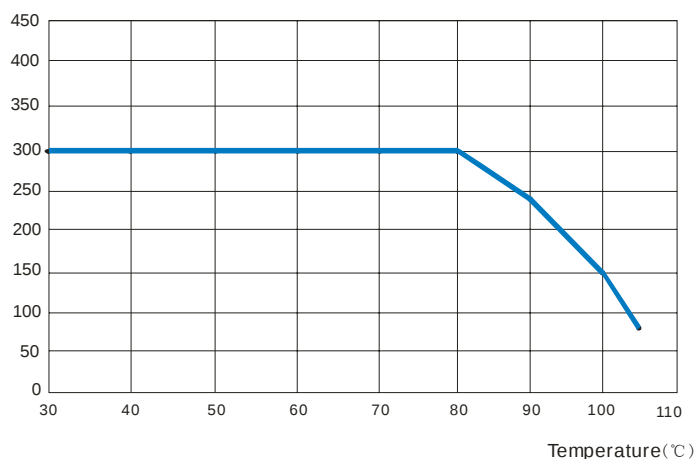


Technical data

Rated capacitance	C_N	$320 \mu F \pm 10\%$
Rated voltage	U_N	750VDC
Non-recurrent surge voltage	U_s	1125V
Rated energy	W_N	90Ws
Series resistance	ESR	$\leq 0.6m\Omega$ (10KHz)
Tangent of the loss	$\tan \delta$	0.001(100Hz)
Self discharge time const.	$C \times R_{is}$	10000S
Self inductance	L_e	$\leq 15nH$ (1MHz)
Operating temperature		-40~105°C
Storage temperature	$\ominus$ storage	-40~105°C
Service life		100000 h
Failure quota		50Fit
Test data		
Voltage test between terminals	V_{tt}	$1.5U_N/10s$ or $1.4U_N/60S$
A.C. voltage test terminal/container	V_{t-c}	3000V.AC/60S
Operating altitude		$\leq 2000m$
Maximal torque		6Nm

▲Current curve of capacitor at work under the action of cooling water

RMS Current Rating(A)



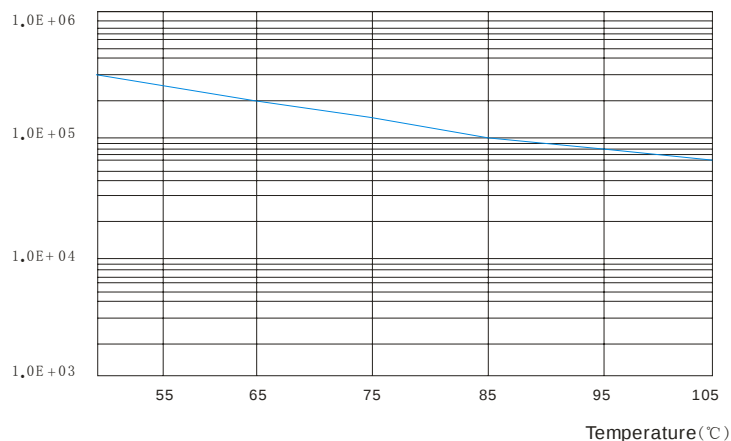
accessories:

Over Voltage	1.1Un(30% of on-load-dur)	System adjustment
	1.15Un(30min/day)	
	1.2Un(5min/day)	
	1.3Un(1min/day)	System Switch
	1.5Un(100ms every time,1000times during the lifetime)	

Lifetime Expectancy

▲ Lifetime Expectancy of charge temperature

Lifetime(h)



▲ Lifetime Expectancy of charge voltage

Lifetime(h)

