

Technical data

Electrical properties

1	Rated capacitance	7500 μF
2	Tolerance	-0% ~ +5%
3	Rated voltage	2800V. DC
4	Rated current (Irms)	650A
		790A 12S/day 910A 6S/day
5	Series resistance	≤0.2mΩ
6	Voltage test between terminals	4200V. DC/60S
7	A.C. voltage test terminal/container	5000V. AC/60S
8	Tangent of the loss	<0.0011 100Hz
9	Partial discharge	terminal/container: 2000VAC, 60S Partial discharge: ≤10pC
10	Maximum surge current	525KA (5 times)
11	Maximum peak current	15KA
12	Voltage climb rate	>2V/μS
13	Self inductance	≤65nH
14	Thermal resistance	0.25K/W
15	Non-recurrent surge voltage	V _{pp} =4200V t<30mS
16	Ripple voltage	720V
17	Operating frequency	≤2kHz
18	Discharge resistance	none

Operating environment

19	Cooling way	Natural cooling
20	Maximum operating temperature	-25~85℃
21	Operating ambient temperature	10~50℃
22	Storage temperature	-25~65℃

Mechanical parameter

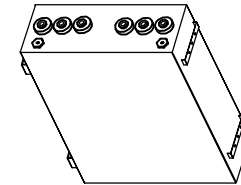
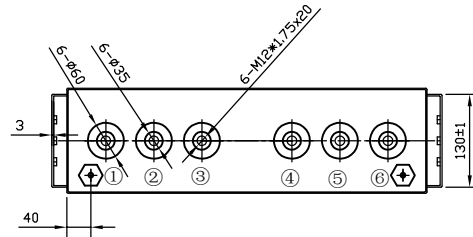
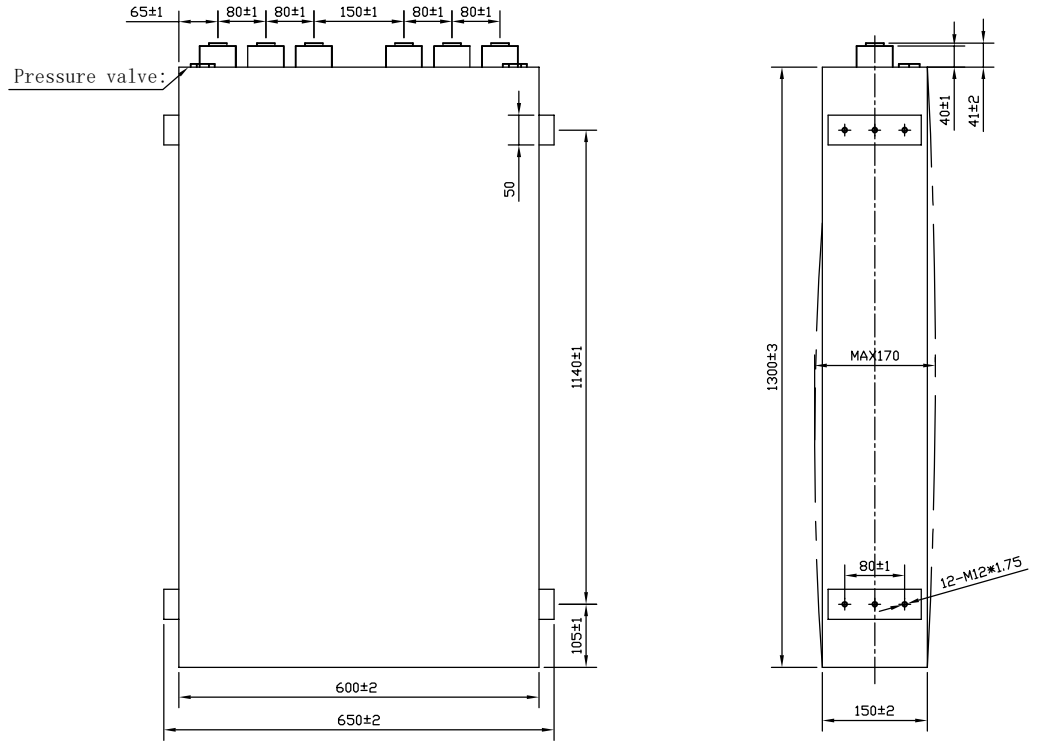
23	Packaging form	Stainless steel
24	Electrode	M12 copper nut
25	Install the pin pitch	150mm
26	Electric clearance	Refer to the GB/T16935
27	Creepage distance	Refer to the GB/T16935
28	Terminal tightening torque	10Nm (Max)
29	Bottom mounting screw torque	10Nm (Max)
30	Undeclared tolerance	±1mm
31	Weight	≈185Kg

Life and Safety

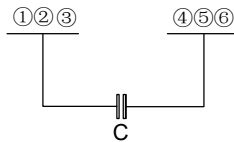
32	Service life	30years @Rated conditions
33	Failure quota	<100fit
34	Flame retardant	UL 94-V0

Other

35	Dielectric materials	PP
36	Standards	IEC 61071



Electrical connections:



C=7500 μF 2800V. DC



无锡宸瑞新能源科技有限公司

Wuxi CRE New Energy technology CO., LTD

/	/	A/0	朱益娟	2020.03.05
标记	修订内容	版本号	签名	年月日
设计	朱益娟	2020.03.05		
审核	戴静	2020.03.05		
批准	俞广铨	2020.03.05		

DC-link Capacitor

型号: DKMJ-S

单位

比例

产品编码:

mm

1:10

75802800613--

共 1 张 第 1 张