

# Shenzhen Taiwangjia Electromechanical Co., Ltd.

## Specification table of RXLG aluminum housing braking resistor

### ■ Name

RXLG Aluminum shell resistance is also known as braking resistance, charging resistance, discharge resistance, discharge resistance, current limiting resistance, aging resistance or load resistance.

### ■ Characteristic:

It has the characteristics of shock resistance, high power, fast heat dissipation, high stability and long service life. The power range of single resistor is 60w-10000w.

### ■ Application scope

It is widely used in frequency converter, elevator, lifting, ship, power, welding, power supply, wind power generation, solar power generation, charging pile, servo system, test aging table, audio and other industries.

### ■ Advantages

This product adopts aluminum alloy shell with strong heat dissipation (surface has heat dissipation groove ) and high temperature resistant material as resistance matrix. The heat dissipation performance of the resistance is much better than that of the traditional resistance with the same volume and power , which not only significantly reduces the surface temperature rise of the resistance body, but also greatly improves the load capacity and long-term stability, Its service life can reach more than 1.5 times of the traditional resistance . The product has the characteristics of weather resistance , vibration resistance , easy to close installation , easy to add radiator, beautiful appearance and so on. It is an ideal matching product for power electronics.

### ■Common power:

80W60RJ 80W20RJ 100W20RJ 100W100RJ 120W68RJ 150W20RJ 200W200RJ 300W20RJ 300W150RJ 300W200RJ 400W150RJ 400W20RJ 500W100RJ 500W20RJ 800W75RJ 1000W50RJ 1000W75RJ Etc.

### Naming specification:

Example: 

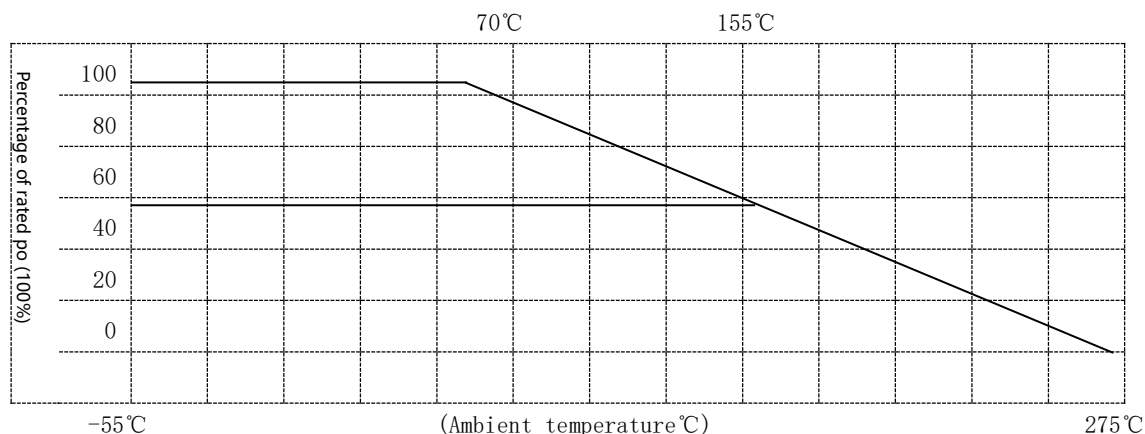
<u>RXLG</u>	<u>5000W</u>	<u>20R</u>	<u>J</u>
Model Number	Watt	ohm	Resistance Accuracy

■Nominal resistance value: The resistance value, usually marked on a resistor, determined by the design of the resistor, expressed in ohm (R) and kilohm (k).

■Resistance Tolerance:Represented by symbols or digits.

Symbol	F	G	J
(Allowable deviation%)	±1	±2	±5

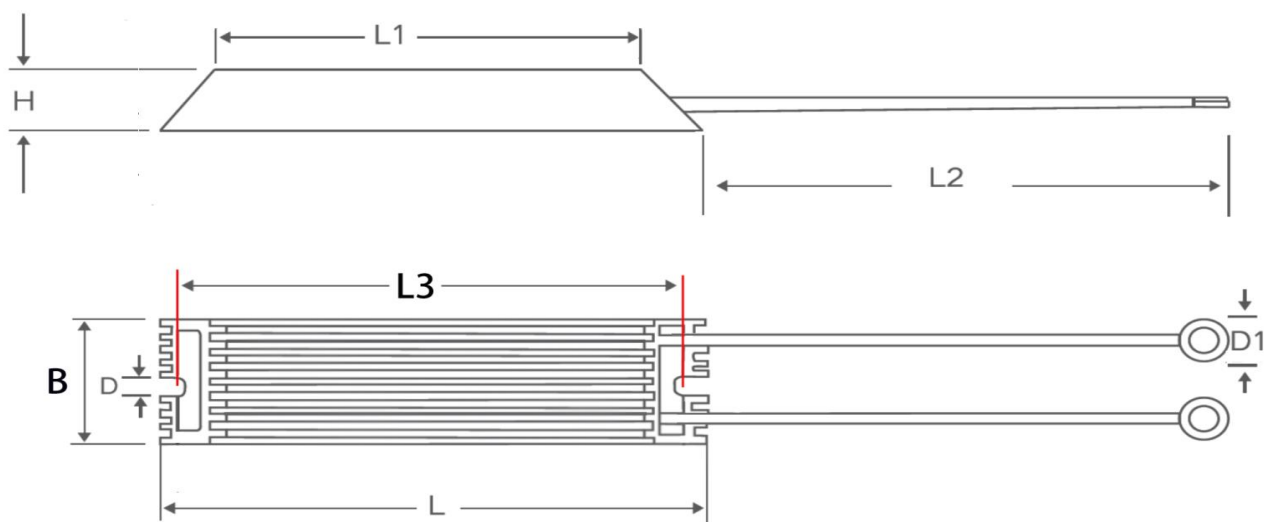
■Reduce power consumption: The resistor included in this specification reduces power consumption according to the following curves



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■ 外形尺寸①DIMENSION



■ 外形尺寸①DIMENSIONS(mm)

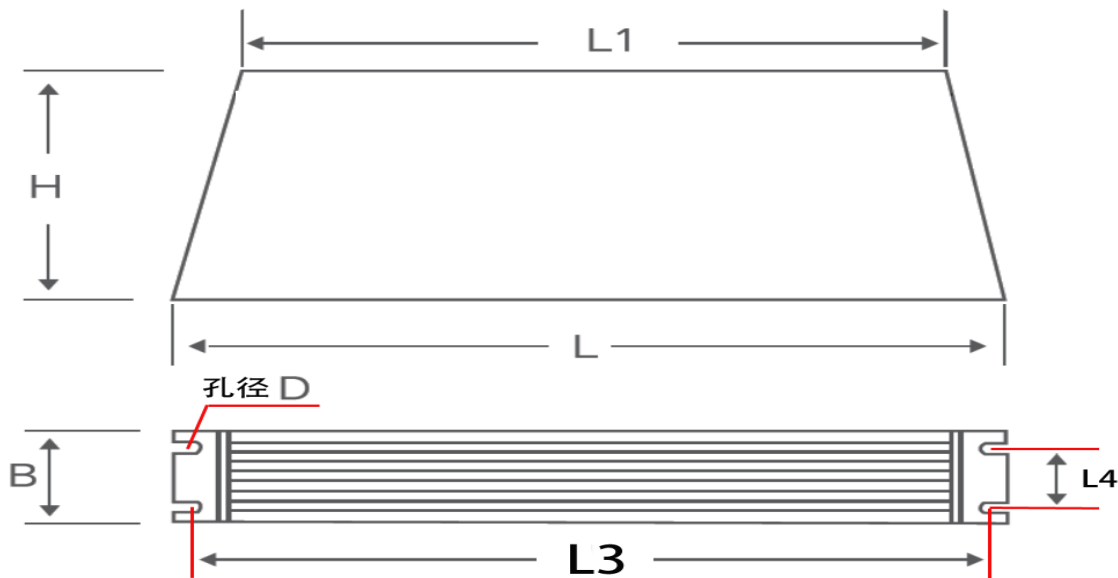
型号 TYPE	底长 L	面长 L1	宽度 B	高度 H	安装孔径 D	安装孔距 L3	接线孔径 D1	外露线长 L2	配线 平方	参考重量 KG
RXLG-60W	100	72	40	20	5.5	85	4	300	1.5	0.16
RXLG-80W	110	80	40	20	5.5	95	4	300	1.5	0.2
RXLG-100W	115	87	40	20	5.5	100	4	300	1.5	0.24
RXLG-120W	165	135	40	20	5.5	150	4	300	1.5	0.3
RXLG-150W	185	155	40	20	5.5	170	4	300	1.5	
RXLG-200W	215	185	40	20	5.5	200	4	300	1.5	
RXLG-100WL	100	64	60	30	5.5	85	4	300	1.5	

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RXLG-200WL	165	125	60	30	5.5	150	4	300	1.5	
RXLG-300W	215	175	60	30	5.5	200	4	300	1.5	
RXLG-400W	265	225	60	30	5.5	250	4	300	1.5	
RXLG-500W	285	245	60	30	5.5	270	4	300	1.5	
RXLG-600W	300	260	60	30	5.5	285	4	300	1.5	
RXLG-800W	330	288	60	30	5.5	315	4	300	1.5	
RXLG-1000W	385	340	60	30	5.5	370	4	300	1.5	

■外型尺寸②DIMENSION



型号 TYPE	底长 L	面长 L1	宽度 B	高度 H	安装孔 径 D	安装 孔距 L3	安装 孔距 L4	接线 孔径 D1	外露线 长 L2	配线平 方	参考重 量 KG
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RXLG-800WL	210	173	50	107	6.5	195	30	5	300	2.5	
RXLG-1000WL	300	262	50	107	6.5	285	30	5	300	2.5	
RXLG-1200W	350	310	50	107	6.5	335	30	5	300	2.5	
RXLG-1500W	400	362	50	107	6.5	385	30	5	300	2.5	
RXLG-2000W	450	412	50	107	6.5	435	30	5	300	2.5	
RXLG-2500W	485	447	50	107	6.5	470	30	5	300	2.5	
RXLG-3000W	550	510	50	107	6.5	535	30	5	300	2.5	
RXLG-4000W	650	610	50	107	6.5	635	30	5	300	2.5	
RXLG-4500W	700	660	50	107	6.5	685	30	5	300	2.5	
RXLG-5000W	750	710	50	107	6.5	735	30	5	300	2.5	
RXLG-6000W	850	810	50	107	6.5	835	30	5	300	2.5	
RXLG-8000W	900	860	50	107	6.5	885	30	5	300	2.5	
RXLG-10000W	1000	960	50	107	6.5	985	30	5	300	2.5	