

# Braking High Power Resistor [Preliminary]

The BRV/BRH series of high power metal-clad wire wound resistors are designed for industrial high power applications & dump resistor for wind turbine. These models are specially constructed for overload pulses. They have a thermostat as optional. The most common applications for these models are: motor drives, braking and snubber applications And power sources for industrial equipment.



## GENERAL SPECIFICATIONS

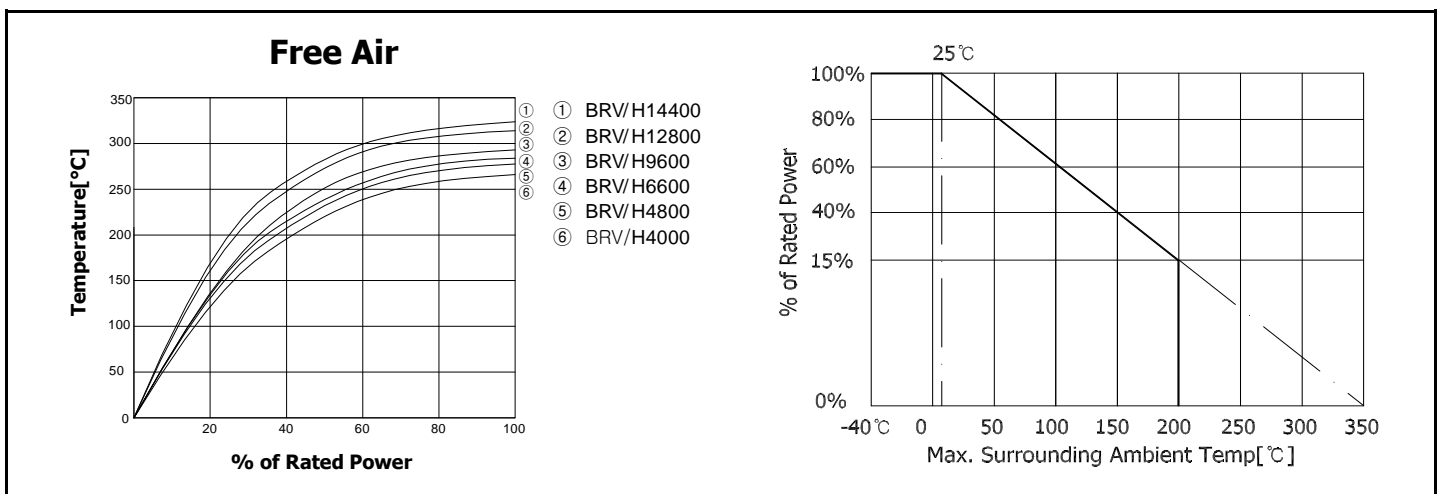
Model	Rated Power @25C [W]	* Pulse Power [Kw]				*Resistance range[Ω]	Tolerance [%]
		*Duty 5 Sec	*Duty 10 Sec	*Duty 20 Sec	*Duty 40 Sec		
BRV/BRH4000	1400	71	47	32	23	0.5 ~ 150	J[±5%] K[±10%]
BRV/BRH4800	1800	120	75	49	34	0.7 ~ 170	
BRV/BRH6600	2100	150	93	61	42	0.8 ~ 180	
BRV/BRH9600	2600	210	130	83	57	1.0 ~ 200	
BRV/BRH12800	3000	260	160	100	69	1.5 ~ 220	
BRV/BRH14400	3400	350	210	130	88	2.0 ~ 240	

\* One Single square pulse every 1800 Sec ( square pulse = )

## CHARACTERISTICS

Test	Condition
Max.Surface Temperature	+350°C
Insulation Resistance	20MΩ minimum
Dielectric Strength	Available options : AC1500V for 1minute, Max leakage current : 2mA
Working Voltage	600VAC
Temperature Coefficient	Max. ± 260ppm/C
Short Time Overload	± [5%+0.05Ω]      10 X Power rating - in 5~10seconds

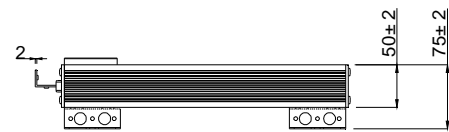
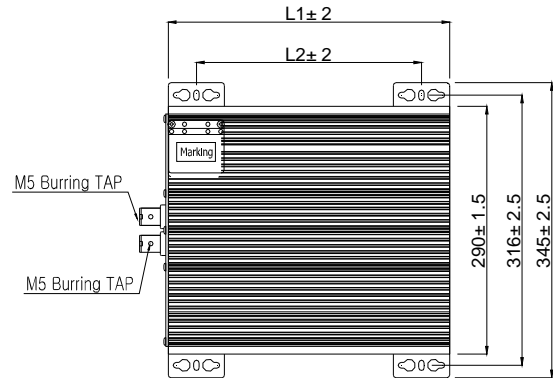
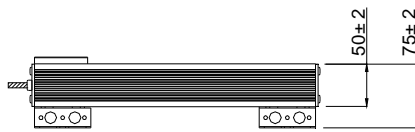
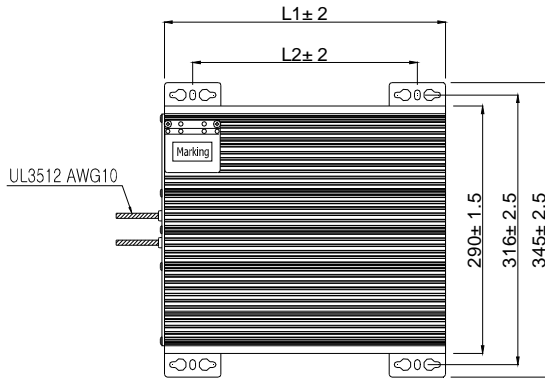
## SURFACE TEMPERATURE INCREASE VERSUS POWER LOAD & DERATING CURVE



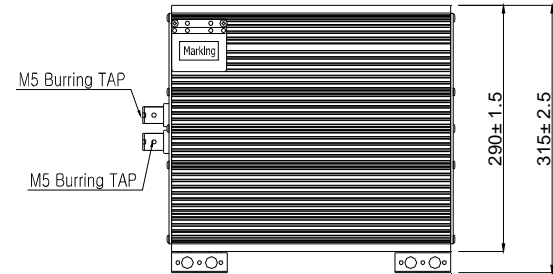
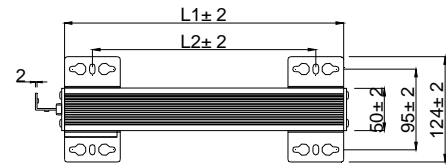
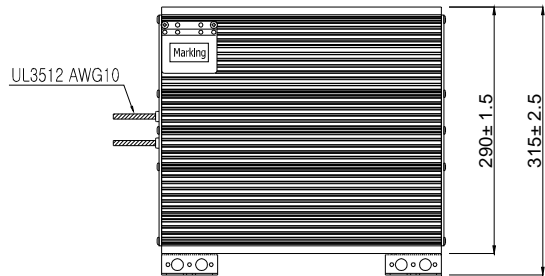
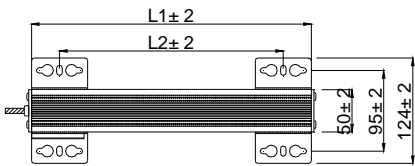


## DIMENSIONS [mm]

### BRH Dimension

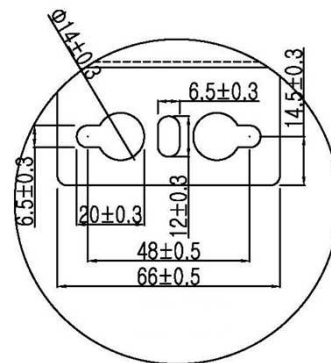


### BRV Dimension



## LENGTH / SCREW-MOUNTING HOLE DIMENSION [mm]

Model	L1	L2
BRV/BRH4000	330	264
BRV/BRH4800	400	334
BRV/BRH6600	460	394
BRV/BRH9600	560	494
BRV/BRH12800	660	594
BRV/BRH14400	760	694





## ORDERING PROCEDURE

