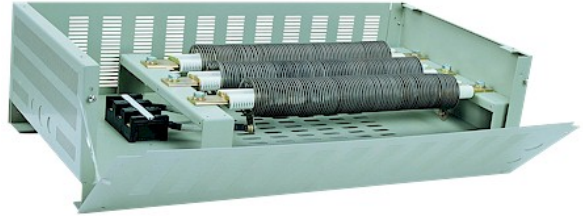


EWS/EFW EDGE WOUND RESISTOR ASSEMBLIES

The EW series of metal clad, edge wound resistors are designed for use in super high power inverters. The basis for these models is edge wound elements, surrounded by a metal case, which conforms to international safety specifications. The steel case is powder coated and baked for durability.

SPECIFICATIONS

MODEL	Power Rating		Resistance Range [ohms]	Resistance Tolerance
	With Fan	In free air		
EWS 10K	4.5 KW	3KW	0.5 - 3.0	+ -5.0(J) + -10(K)
EWS 13K	6 KW	4KW	0.7 - 4.0	
EWS 17K	7.5 KW	5KW	0.9 - 5.0	
EWS 20K	9 KW	6KW	1.0 - 6.0	
EWS 23K	10.5 KW	7KW	1.0 - 7.0	
EWS 26K	12 KW	8KW	1.4 - 8.0	
EFW 10K	4.5 KW	3KW	3.1 - 18	
EFW 13K	6 KW	4KW	4.2 - 24	
EFW 17K	7.5 KW	5KW	5.2 - 30	
EFW 20K	9 KW	6KW	6.1 - 36	
EFW 23K	10.5 KW	7KW	7.1 - 42	
EFW 26K	12 KW	8KW	8.4 - 48	



Note:
 The EWS series use SUS 304 resistance wire.
 The EWF series use FCHW resistance wire.

CHARACTERISTICS

Values in [] mean change in ohmic value after test

Temperature Range	-55C - 375C
Insulation Resistance	20Mohm min.
Dielectric Strength	Available options: AC1500V, 3500V, 4500V,5400V(Max. leakage current: 2mA)
Temp. Coefficient	EMS: +- 260ppm/C max. EWF: +- 260ppm/C max.
Short Time Overload	+- [2%+0.05ohm] 10 X Power rating 5 secs.
Moisture Resistance	+- [3%+0.05 ohm] 40C, 95% RH, DC100V case to terminal, 500hrs.
Thermal Shock	+- [2%+0.05 ohm] Power rating 30min., -25C 15 min.

DIMENSIONS & ORDERING PROCEDURE EXAMPLE

Model	Weight [Kg]	Dimensions [mm]		
		D+-5	W+-4	H+-4
EWS10K	17/17.5(FAN)	700	350	190
EWS13K	23.0/23.5(FAN)	700	446.5	190
EWS17K	25.0/25.5(FAN)	700	446.5	190
EWS20K	26.5/27.0(FAN)	700	350	280
EWS23K	30.5/31(FAN)	700	446.5	280
EWS26K	35.0/35.5(FAN)	700	446.5	280
EFW10K	15.0/15.5(FAN)	700	350	190
EFW13K	20.0/20.5(FAN)	700	446.5	190
EFW17K	21.5/22.0(FAN)	700	446.5	190
EFW20K	22.5/23.0(FAN)	700	350	280
EWS23K	26.5/27(FAN)	700	446.5	280
EFW26K	30.0/30.5(FAN)	700	446.5	280

