

# Marstech<sup>®</sup> K13 Transformer

## PRODUCT PROFILE

K coefficient is a general harmonic heating effect special measure, especially in transformer harmonic. It not only emphasizes the harmonic frequency, also stressed harmonics, harmonic spectrum distribution and spectral ratio, the coefficient K of the isolation transformer Standard Specification for a K-4 and K-9、K-13、K-20、K-30 and so on; K-13 is office load and common room load a common ratings, K-20 tend to a dedicated computer load (precision air conditioning and precision motor) and power quality sensitive equipment PDU (power distribution unit).



## FEATURES

Vast experience in designing our transformer  
Economic and efficient to reduce network loss and working cost  
Full manufacturing facilities  
Low temperature rise  
Low noise  
Customized transformers are available on your requirement

## PARAMETERS

Capacity range : 30-900KVA  
No of phase : 3  
Voltage level : below 800  
Rated frequency : 50 or 60Hz  
Input and output voltage : 100 to 600V as required  
Power frequency voltage withstand : 3KV/1min (AC 50Hz)  
Insulation resistance : 500Mohm/1min (DC 1KV)  
Insulation class : H  
efficiency:  $\geq 98\%$   
Sound level : less than 65dB (1M)  
Ambient temperature :  $-10^{\circ}\text{C} \sim +45^{\circ}\text{C}$



## SPECIFICATIONS

Capacity (KVA)	Picture No.	Pri./Sec. voltage (V)	Connection symbol	Overall dimension (mm)			Mounting dimension (mm)		Mounting hole size (mm)			
				L	M	H	L1	W1	A x B			
30	A	100V	Dyn 11	580	240	540	300	190	10 x 20			
35				610	250	560	320	190	10 x 20			
40				630	260	570	340	200	10 x 20			
45				640	270	570	360	200	10 x 20			
50				660	280	580	380	200	10 x 20			
60				685	300	580	400	210	12 x 24			
70				780	310	700	420	230	12 x 24			
80		to	Dyn11DO	800	330	730	440	250	12 x 24			
90				830	340	750	460	260	12 x 24			
100				850	360	760	480	270	12 x 24			
150				B	600V	DznO	900	400	820	500	280	14 x 28
200							930	430	840	530	300	14 x 28
250							960	480	860	550	320	14 x 28
300							1000	520	880	570	340	14 x 28
350	1050	550	900				600	360	14 x 28			
400	1100	560	920				620	380	14 x 28			
450	1150	580	950				650	400	14 x 28			
500	1170	600	1000				670	450	16 x 32			
600	1200	650	1050				700	500	16 x 32			
700	1250	700	1100				750	550	16 x 32			
800	1350	750	1150				800	600	16 x 32			
900	1400	850	1400				850	650	16 x 32			

The above products are made by enameled copper wires. Aluminum wires are available upon request

Marstech Systems Pte Ltd  
 Block 24 Sin Ming Lane #05-107 Midview City Singapore 573970  
 Email: [brotek@singnet.com.sg](mailto:brotek@singnet.com.sg)

Marstech reserves the right to change or revise any information or detail given without prior notice