

Welding Transformer Regulator Type & Stud Type



Features

> MET-WELD AC welding transformer used as a power source for manual metal arc light, medium and heavy structural and general purpose maintenance fabrication work. These machines used as a power source for Gas Tungsten Arc welding (TIG) of aluminium magnesium and their alloys. Step less, smooth and variable current regulation by moving core shunt design. Adjustment of welding current feasible even while welding is in progress, this enables fine current control. Higher OCV in especially with these models enables welding of low hydrogen type for AC application. Higher OCV enables used of longer cable and lead length and ensure easy arc striking. Low losses because of high grade silicon stampings and electrolytic grade conductor used. Light weight and compact design in these models. Ideal use in automobile garages, light fabrication and small scale industries. Adjustment of welding current gives in steps.

PARAMETERS	(Stud Type)	MTS-200(Stud Type)	MTS-250(Stud Type)	MT-300(Stud/Regulator)	MT-400(Stud/Regulator)	MTR-600(Regulator)
Supply Voltage	230 / 415V	230 / 415V	230 / 415V	230 / 415V	230 / 415V	415V
Phase	1 or 1/2	1/2	1/2	2 or 3	2 or 3	2 or 3
Frequency	50 Hz AC	50 Hz AC	50 Hz AC	50 Hz AC	50 Hz AC	50 Hz AC
Welding Current Range	50-150 A	50-200 A	50-250 A	50-300 A	60-400 A	100-600 A
Welding Current 60% Duty Cycle	150 A	200 A	250 A	300 A	400 A	600 A
Welding Current 100% Duty Cycle	120 A	150 A	200 A	225 A	300 A	450 A
OCV (2-Phase Stud Type)	50 V	50 V	50 V	55-60 V	55-60 V	
OCV (2-Phase Regulator Type)				65-70 V	80 V	80 V
OCV (3-Phase Regulator Type)				65 V	65 V	65 V
KVA Rating	6	8	10	12 / 20	15 / 25	38
Current Regulation Type	Step Type			Step / Moving Core Type		Moving Core
Insulation Class	B	B	B	B	B	B
Type of Cooling	Natural Air			Natural / Forced Air		Forced Air
Dimension(mm)(LxWxH) Stud	440x250x330	310x465x360	340x565x375	370x780x530	370x780x530	
Regulator				630x420x380	690x440x440	720x530x545
Weight(Kg)	25	55	65	80 / 90	90 / 130	160