



MAIN Features :-

*** FULL Bridge IGBT design to increase reliability**

*** Microprocessor Fault Detection**

- * Compact and Portable designed with inverter technology.
- * Suitable for tradesman, panel beaters, sign writers, refrigeration works etc.
- * Easy starting and excellent arc characteristics with Stainless Steel, Bronze, Aluminium and Cast Iron up to 5.0mm electrodes.
- * Well insulated transformer coil to ensure a wide safety against accidentals or overloading.
- * Features the most unique "OUTPUT OVERLOAD PROTECTION"
 In the event of electrode or electrode holder permanently shorted to work piece, the machine will automatically shuts down and the inbuilt micro-processor will continue to monitor the situation until the short circuit condition is removed. Hence, the machine will return to its normal operation mode.

Technical Data :-

Model		WD-120i	WD-140i	WD-160i	WD-180i	WD-200i	WD-220i
Product Code		K202/312	K202/322	K202/342	K202/352	K202/370	K202/366
Maximum Current	A	120	140	160	180	200	220
Input Voltage (50Hz, 1Ph)	V	180 ~ 250, Insulation Class : IP22					
Input Power	KW	3.8	4.5	5.2	7.5	8.4	9.0
No-Load Voltage	V	70	70	70	75	75	75
Output Load Voltage	V	24	25	26	27	28	29
Output Load Current	A	20 ~ 120	20 ~ 140	20 ~ 160	20 ~ 180	20 ~ 200	20 ~ 220
Duty Cycle	%	40% @ 120A	60% @ 140A	60% @ 160A	60% @ 180A	80% @ 200A	60% @ 220A
Electrode Size	mm	2.0 ~ 2.5	2.0 ~ 3.2	2.0 ~ 3.2	2.0 ~ 4.0	2.0 ~ 4.0	2.0 ~ 5.0
Dimension (LxWxH)	mm	280 X 100 X 200	320 X 135 X 220	350 X 160 X 260	430 X 160 X 260	430 X 160 X 260	430 X 160 X 260
Weight	kg	6.5	8.0	10.0	12.0	13.0	14.0