

# DC INVERTER TIG WELDING MACHINES



## FEATURES

- Inverter IGBT technology high reliability and energy efficient.
- Light weight, portable DC, AC/DC TIG.
- DC, AC/Dc output pulse function, high frequency arc start with excellent penetration weld.
- Layers to protection circuit are built in for safety and reliability.
- Suitable for sheet metal welding of steel, stainless steel ,aluminium ,ornamental steel and various other industries.

## TECHNICAL PARAMETER

MODEL		TIG-200A	TIG-250M	TIG-315ACDC	TIG-400P
Input Voltage	V	1PH 240V 50/60Hz	1PH 240V 50/60Hz	3PH 415V 50/60Hz	3PH 415V 50/60Hz
Rated Input Capacity	KVA	5.6	8.3	8.9	19
No - Load Voltage	V	56	65	54	80
Output Current Range	A	20-160	20-250	10-315	10-400
Rated Output Voltage	V	16.4	10.4-18	-	-
Duty Cycle	%	60	60	60	60
Efficiency	%	85	85	85	85
Power Factor	Cos $\phi$	0.76	0.93	0.93	0.9
Insulation Class		F	F	F	F
Protection Class		IP23	IP21	IP23	IP21S
Gross Weight	KG	6	20	36	39
Dimension	mm	350 X 150 230	493 X 330 X 320	615 X 256 X 523	625 X 320 X 570

## SERVICE CENTER

**TTMC WELDING SUPPLIES SDN BHD**  
 No.3, Jalan PTP 1/4,  
 Taman Perindustrian Tasik Perdana,  
 47120 Puchong, Selangor, Malaysia.  
 Tel : 03-8060 6131 Fax : 03-8060 6639  
 Email: [derrick@ttmcwelding.com](mailto:derrick@ttmcwelding.com)

**TTMC SDN BHD**  
 No.3, Jalan Perdagangan 11,  
 Taman Universiti Industrial Park,  
 81300 Skudai, Johor, Malaysia.  
 Tel : 07-520 2093 Fax : 07-520 2016  
 Email: [ttmclim@ttmcwelding.com](mailto:ttmclim@ttmcwelding.com)

**Branch**  
 No.21, Jalan Mutiara Emas 7/7,  
 Taman Mount Austin,  
 81100 Johor Bahru, Johor, Malaysia.