

DC Inverter TIG/MMA Welding Machine



YTIG-201



YTIG-251



YTIG-600PR

Features

- ◆ SMT Surface mount design with advanced workmanship.
- ◆ With good protection of Under-Voltage, Over-Voltage and Over-Current, it makes the machine safe and reliable.
- ◆ Perfect constant-current electrical characteristics, with more stable arc welding.
- ◆ Exact digital current display makes the machine easily operated.
- ◆ Modular functional unit design, incomparably improves the stability of the machine.
- ◆ Main circuit with full bridge high power IGBT ensures high reliability of the current output.
- ◆ Advanced IGBT Inverter technology, high switching frequency (50 KHz) saves energy and thus environment friendly.
- ◆ With 2T/4T options, convenient for the operator to perform welding as per the job requirement.
- ◆ With three proof design, it ensures stable and reliable working even when in harsh atmospheric condition.

Accessories



Main Technical Parameter	YTIG-201	YTIG-251	YTIG-600PR
Input Voltage(V)	1-ph AC 220V +/- 10%	1-ph AC 220V +/- 10%	3-ph AC 415V +/- 10%
Input voltage range(V)	110-280	110-280	373-456
Frequency(Hz)	50/60	50/60	50/60
Rated input capacity(KVA)-TIG	5.1	6.5	33.8
Rated input capacity(KVA)-MMA	6.5	8.8	44
Rated input current(A)-TIG	23.1	29.5	47
Rated input current(A)-MMA	29.5	40	60
No-load output voltage(V)	56	56	75
Rated duty cycle(%) -TIG	150 A@100% duty cycle	190 A@100% duty cycle	600 A@100% duty cycle
Rated duty cycle(%) -MMA	180 A@60% duty cycle	220 A@60% duty cycle	600 A@100% duty cycle
	130 A@100% duty cycle	160 A@100% duty cycle	
Output current range(A)	20-201	20-251	20-600
Output voltage range(V)-TIG	10.4-16	10.4-17.6	10.8-34
Output voltage range(V)-MMA	20.4-26	20.4-27.6	20.8-44
Max output current(A)	200	250	600
Efficiency(%)	85	85	89
Insulation class	H	H	H
Case protection class	IP23	IP23	IP23
Dimension(L*W*H) (mm)	350X172X290	350X172X290	636X322X582
Weight(Kg)	7	7.8	50