



WIZARD INVERTER DC & ACDC TIG WELDER SERIES

- Advanced Inverter Technology
- High Working Frequency
- Reduced Size Light Weight
- Easy To Carry
- Energy Efficient
- High Performing And Maintenance-free.
- Hf Arc Ignition And Pulse Heat Arc Ignition
- Design
- Excellent Arc Ignition Network,
- High Duty Cycle.
- Automatic Voltage Compensation Capability,
- Complete Protection Against Electricity Line
- Fluctuations.
- Stable And Reliable Welding Current.
- Wide Range Of Pulse Dc And Ac Dc Tig Models
- Suitable For Welding Of Almost All Metals.



Single-Phase Three-Phase Frequency

DC

CCC

CE

Technical Parameters	200A	200P	300A	300P	400I	200 ACDC	315PACDC	500PACDC
Input power voltage(V)	AC220	AC220	AC415	AC415	AC415	AC220	AC415	AC415
	±15%	±15%	±15%	±15%	±15%	±15%	±15%	±15%
Rated Input Power capacity(KVA)	3.9	3.9	8.5	8.3	12.8	4.6	9.2	19.8
Rated Input Current(A)	18	18	12	11.5	18	21	12.7	30
Input Voltage frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
No-load voltage(V)	56	56	62	70	70	56	45	74
Output current range(A)	10-200	10-200	10-300	20-300	10-400	05-200	05-315	15-500
Rated output voltage(V)	18	18	22	22	36	18	23	32
Duty cycle(10 min)	60%	60%	60%	60%	60%	60%	60%	60%
No-load Power(W)	40	40	40	60	100	40	60	70
Arc-Starting	HF	HF	HF	HF	HF	HF	HF	HF
Efficiency(%)	85	85	85	85	85	85	85	85
Power factor (COS)	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Insulation class	F	F	F	F	H	F	F	H
Protection class	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
Post flow time(s)	2.5-5	2-10	1-5		1-5	1-5	1-5	1-5
Weight(KG)	9	12	20	20	40	20	36.5	65