

EN SERIES

IGBT Based Full Digital MMA/LIFT TIG Welding Machine



Features

- ◆ High speed MCU core, powerful.
- ◆ IGBT high frequency inverter technology, high efficiency and environmental protection.
- ◆ Anti-stick electrode function, easy arc start.
- ◆ Ultra-low anti-shock output VRD (13.5Volt), it meets EU standards.
- ◆ With Lift TIG function, one machine multi-purpose, cost saving.
- ◆ Smart fan, reduce the dust in the machine, prolong the service life.
- ◆ With perfect under voltage, over voltage and over current protection, safe and reliable.
- ◆ Adaptive switching power supply, wide range of power supply voltage.
- ◆ Industrial three defense design, suitable for a variety of harsh environment,
- ◆ stable and reliable operation.

About EN(Enhanced Series):

- Full Digital Controlled Welding Machines with-
- Advanced Welding Waveform.
 - Precision Parameter setting.
 - Fully Calibrated.



Main Technical Parameters :	YUVA-200EN	YUVA-250EN	YUVA-320EN		YUVA-400EN
Input Voltage(V)	1-ph AC220/230V ± 15%	1-ph AC220/230V ± 15%	AC220V±10%	2-ph/3ph 415V+10%	3-ph AC415V ± 15%
Frequency(Hz)	50/60	50/60	50/60		50/60
Rated Input Capacity(KVA)	6	7	7	11	18
No-Load Voltage(V)	70	80	70	80	80
VRD Voltage(V)	13.5	13.5	13.5	13.5	13.5
Duty Cycle(%)	40% 200 A	100% 250 A	70% 280 A	70% 320 A	100% 400 A
Output Current Range(A)	10-200	10-250	20-320		10-400
Output Voltage Range(V)	20.4 -30	20.4 -30	20.8-28.8	20.8-32.8	20.8 -36
Efficiency(%)	85	85	85		85
Insulation Class	H	H	H		H
Case Protection Class	IP23	IP23	IP23		IP23
Dimension(mm)	334X135X252	350X180X330	460X220X365		460X220X365
Weight(Kg)	4	9.85	14		23
Electrode grade applicable	E6013/E7018	E6013/E7018/E6010	E6013/E7018		E6013/E7018/E6010
Suitable Electrode Size(mm)	2.5/3.15	2.5/3.15/4.0	2.5/3.15/4.0		2.5/3.15/4.0/5.0