



ARC SERIES (IGBT MODULE)

ARC400I



富億機械五金(馬)有限公司
FUYI MACHINERY & HARDWARE SDN. BHD.

Website: www.fuyimh.com Facebook / Email: fuyi55@hotmail.com

No.4A Jalan Bakariah, 84000 Muar, Johor, Malaysia

Tel: 06-9547228, 06-95482283 Fax: 06-9549228

Website: <http://www.fuyimh.com.my/>

Facebook/ Email: fuyi55@hotmail.com

ZX7=ARC



HOT SALE

Parameter

Parameter\Model	ARC400G	ARC400I	ARC500G	ARC500I	ARC630I
Input Voltage(V)	AC380±15%	AC380±15%	AC380±15%	AC380±15%	AC380±15%
Frequency(HZ)	50/60	50/60	50/60	50/60	50/60
Rated Input Current(A)	27.6	27.6	27.6	38.4	53.1
No-load Voltage(V)	68	68	68	80	72
Output Current Range(A)	40-400	40-400	40-500	40-500	50-630
Rated Output Voltage(V)	36	36	40	40	44
Duty Cycle(%)	60	60	60	60	60
No-load Loss(W)	80	100	80	150	200
Efficiency(%)	85	85	85	85	85
Power Factor	0.93	0.93	0.93	0.93	0.93
Insulation Grade	F	F	F	F	F
Housing Protection Grade	IP21	IP21	IP21	IP21	IP21
Net Weight(kg)	22	38	22	40	54
Dimension(mm)	515x262x468	565x286x432	515x262x468	650x300x615	670x337x617

Product Purchase Guide:

Base Material	Plate Thickness(mm)	Electrode Diameter	Current Range(A)	Applicable Model
Carbon steel,	3.0-16.0	4.0/5.0	40-400	ARC400G/400I
Stainless steel,	16.0	5.0/6.0	40-500	ARC500G/500I
Low-alloy steel	15.0	4.0/6.0/8.0	50-630	ARC630I

Product Speciality

1. The transformer core is made of high-tech material based on Nanotechnology.
2. The tri-proof(water,dust and eroding proof) cooling system raised the reliability and duty-cycle of the key components.
3. Having the fan standby function.
4. With OCV as high as 70V,enables the machines to weld.
5. The duty-cycle is higher than 60% when the temperature of the operation surrounding is around 40 . Capable to operate outdoors.
6. The maximum output efficiency is 85% . By using the advanced electro-circuit for power factor compensation,the max power factor could be as high as 0.93 .
7. EMC electro-circuit added to reduce the pollution to the electric network.
8. With digital display of the welding current and remote control for option.
9. VRD function is added to meet the European requirement.

