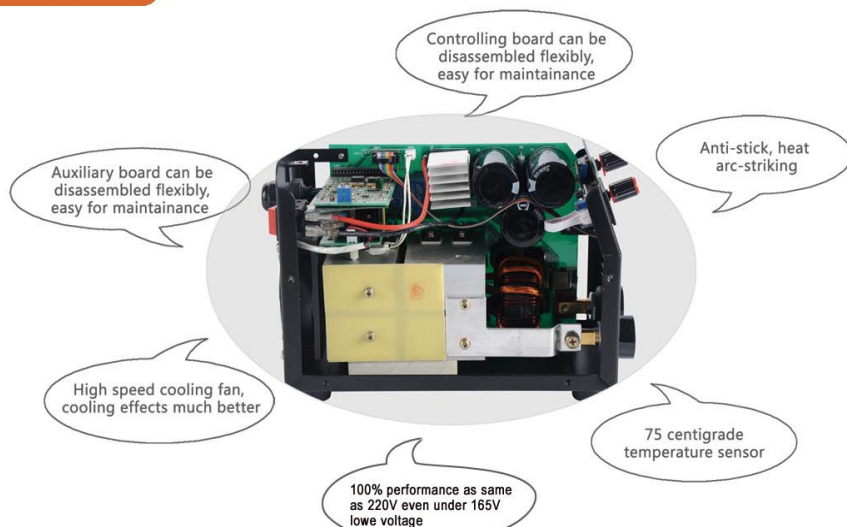




100% duty cycle @ 40°C MMA V-series IGBT module

100% duty cycle @ 40°C MMA V-series IGBT module



BOARD 1



BOARD 2



BOARD 3



BOARD 4



MMA series Inverter ARC welding machine

Module design, easy for maintenance
Compact and portable to carry
Overheating, over voltage, undervoltage and overcurrent protection
High welding stability in spite of using cellulose electrodes
50KHZ high frequency and 88% efficiency improves the welding performance greatly
Unique design of heat dissipation with 100% duty cycle
Special driving board ensure the welders high reliability and stability
Large range of input voltage from 265V to 165V, work normally



A type--with display



B type--without display



Specials for MMA-V series: Hot start, Anti-Stick, Arc force

1. Hot start enables you to start welding easily
2. Anti-stick enables you to separate the electrode easily without reddening
3. Arc force provides a 15% over current to prevent sticking when the electrode enters the weld pool

TECHNICAL DATA

Model	X120-V	X140A-V	X160A-V	X180A-V	X200A-V	X250A-V
Input voltage(V)	AC 220V ±20% 50Hz					
Output current(A)	120	145	160	180	200	250
No-load voltage(V)	62	62	62	62	62	62
Input current(A)	15.5	19	21	23.5	26.5	33
Duty cycle at 40°C	100%	100%	100%	100%	100%	100%
Efficiency	88%	88%	88%	88%	88%	88%
Power factor	0.92	0.92	0.92	0.92	0.92	0.92
Electrode Dia.(mm)	1.6-2.5	1.6-3.2	1.6-3.2	1.6-4.0	1.6-4.0	1.6-5.0
Protection class	IP21S	IP21S	IP21S	IP21S	IP21S	IP21S
Overall Dimension(MM)	292*127*196	292*127*196	292*127*196	292*127*196	292*127*196	305*127*196
Weight(KGS)	4.9	4.9	5.1	5.1	5.6	6
Packing size(MM)	33*17.5*31	33*17.5*31	33*17.5*31	33*17.5*31	33*17.5*31	34.5*17.5*31