



# MMA III-series IGBT

# MMA II -series IGBT



## MMA 3pcs IGBT board

### Economic IGBT series

- Module design, easy for maintenance
- Compact and portable to carry
- Overheating, over voltage, undervoltage and overcurrent protection
- 80% efficiency improves the welding performance greatly
- Unique design of heat dissipation with 60% duty cycle
- Special driving board ensure the welders high reliability and stability



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STANDARD



OPTIONAL



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### TECHNICAL DATA

Model	X120A-III	X140A-III	X160A-III	X180A-III
Input voltage(V)	AC 220V ±15% 50Hz		AC 220V ±15% 50Hz	
Output current(A)	120	145	160	180
No-load voltage(V)	62	62	62	62
Input current(A)	15.5	19	21	23.5
Duty cycle at 25°C	100%	100%	100%	100%
Efficiency	80%	80%	80%	80%
Power factor	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
Protection class	IP21S	IP21S	IP21S	IP21S
Overall Dimension(MM)	290x120x198	290x120x198	313x120x198	336x120x198
Weight(KGS)	4.9	4.9	5.1	5.1
Packing size(MM)	33*17.5*31	33*17.5*31	33*17.5*31	33*17.5*31

### TECHNICAL DATA

Model	X120A- II	X140A- II	X160A- II	X180A- II
Input voltage(V)	AC 220V ±15% 50Hz		AC 220V ±15% 50Hz	
Output current(A)	120	145	160	180
No-load voltage(V)	62	62	62	62
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Protection class	IP21S	IP21S	IP21S	IP21S
Overall Dimension(MM)	292*127*196	292*127*196	292*127*196	292*127*196
Weight(KGS)	4.9	4.9	5.1	5.1
Packing size(MM)	33*17.5*31	33*17.5*31	33*17.5*31	33*17.5*31