



MMA ZS

HOBBY

1ph ~ 230V



MMA



Hot Start Adjustable



Arc Force Adjustable



Anti-sticking



INPUT VOLTAGE PROTECTION



OVER-HEAT PROTECTION



IGBT



FAN COOLING

- Small size light weight, high quality and energy-saving.
- Good arc-starting and arc force, stable arc and little spatter.
- High welding quality, deep penetration.
- Auto protection of over-voltage and over-current.
- It can balance automatically when voltage is fluctuation.
- Suitable for welding all kinds of basic welding rod.

Standard accessories



Electrode Holder 1.8m



Ground Clamp 1.2m



Welding Helmet



Brush

Product Parameters

Model	MMA-120ZS	MMA-140ZS	MMA-160ZS	MMA-180ZS
Input Voltage (V)	1~ 230	1~ 230	1~ 230	1~ 230
Frequency (Hz)	50/60	50/60	50/60	50/60
Output Current Range (A)	10-120	10-140	10-160	10-180
Absorbed Power (kVA)	5.2	6.2	7.3	8.5
Rated Input Current (A)	22.5	27.1	31.9	37
Effective Current (A)	12.3	14.8	17.5	20.2
No load Voltage (V)	65±5	65±5	65±5	65±5
Duty Cycle 40°C 10min	30%120A	30%140A	30%160A	30%180A
	60%80A	60%90A	60%120A	60%130A
	100%60A	100%80A	100%100A	100%110A
Efficiency (%)	80	80	80	80
Power factor	0.72	0.72	0.72	0.72
Insulation Class	F	F	F	F
Protection Class	IP21S	IP21S	IP21S	IP21S
Electrode Diameter (mm)	1.6-3.2	1.6-3.2	1.6-4.0	1.6-5.0
Gross Weight (kg)	4.3	4.5	5.2	5.8
Product Dimensions (mm)	289x120x192	289x120x192	289x120x192	289x120x192
Packaging Dimensions (mm)	350x160x285	350x160x285	350x160x285	350x160x285