



Direct Current Output



50/60Hz Input Power Source



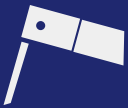
Forced Air Cooling



Energy Saving And Environment Friendly

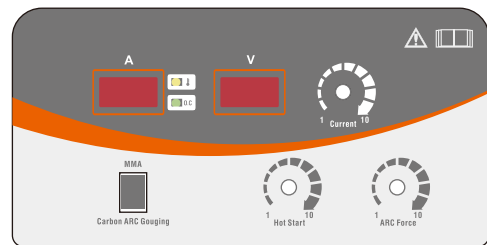
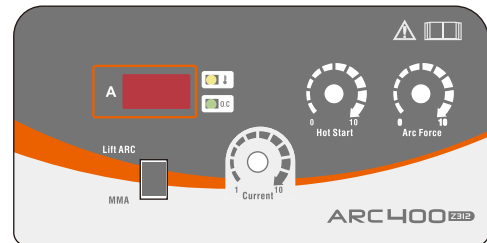


MMASTICK



Features

- IGBT module inverter technology.
- Soft switching technology (ARC630).
- Easy and simple operation panel.
- Optional cable remote control guarantees convenient remote operation.
- Excellent welding quality, optimum arc dynamic characteristics.
- Suitable for all acid, basic, stainless, low hydrogen electrodes.



Specifications

Standard

- Hot start
- Arc force/Arc gouging (ARC630)
- Lift-arc TIG (ARC400)
- O.C. & O.H. protection

Optional

- VRD
- Cable remote control
- Cellulosic electrode capability (Z312/Z316)
- Generator compatibility (Z312/Z316)



Accessories

Standard

- 2pcs quick plugs (ARC400/ARC500)
- 2pcs lugs and 1pcs 500A earth clamp (ARC630)

Optional

- 500A earth clamp +50mm²×3m cable +quick plug
- 500A electrode holder+50mm²×3m cable+quick plug
- Cable remote control box

* Please refer to page 55 (the inside back cover) for accessories pictures.

	ARC400 Z312	ARC500 Z316	ARC630 Z321
Input power source	3~AC380V±15% 50/60Hz		
Rated input current (A)	28	40	50.6
Rated input power capacity (KVA)	18.2	29.4	35.5
Power factor (cosφ)	0.93	0.8	0.91
Output current range (A)	20-400	30-500	50-630
Arc-force range (A)	0-100	0-170	0-220
Hot start range (A)	0-200	0-150	0-220
Rated no-load voltage(V)	65	77	85
Rated duty cycle (%) @40°C	60	25	60
Efficiency	85	85	85
Protection class	IP21S	IP21S	IP21S
Insulation class	F	F	F
Dimensions (mm)	618×330×441	618×330×441	661×340×625
Weight (Kg)	19	23	55

ARC400/500/630