



ARC400 / 500 / 630



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 forceArc 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 1pc 500A earth clamp

Optional

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



	ARC400 Z312	ARC500 Z316	ARC630 Z321
Input power source	3~AC410V±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