





## Quick Specs



### Personal User Applications

Bicycle, fitness equipment, stainless furniture  
 Industry plant construction  
 Containers manufacture  
 Maintenance and repair  
 Pipeline industry/Shipbuilding

### Process

Process: DC TIG (GTAW) /Stick (SMAW) /Gouging (≥500A)

Output  

Input  

ATIG-PAC Series is digital models with high end MCU technology, suitable for both automatic application and manual welding. It offers multiple parameters adjustment to ensure perfect welding for stainless steel (DC) welding and Aluminum (AC) welding.

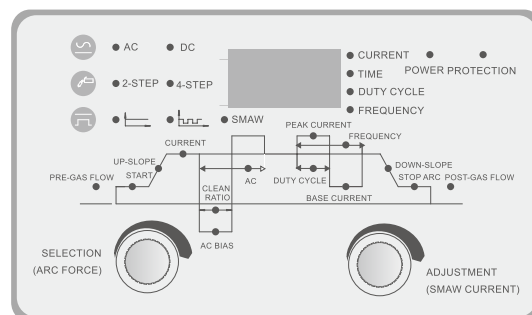


## Features and benefits

- Can remotely control current
- All parameters can be precisely adjusted in real time
- MMA: adjustable arc current, arc force current, easy arc starting
- Synchronous mutual arc feature
- Widely used for nuclear power installation, pipe installation, shipbuilding, high pressure container, etc.
- Suitable for stainless steel, carbon steel, copper, titanium ,aluminum welding

### Standard equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Welding cable L=3m
- 1 Ground cable L=3m
- 1 TIG torch (water cooled)
- Water cooling machine (Optional)
- Trolley (Optional)
- Remote control unit (Optional)
- Foot pedal (Optional)



## Technical Specification

		ATIG315PAC	ATIG500PAC	ATIG630PAC
Rated input voltage/frequency (Hz)		3 phase, 380V±10%, 50 /60Hz		
Rated input capacity (KVA)		13.6	25.4	34.8
Rated input current (A)		20.7	38.7	52.9
Duty cycle (40°C)		60%@315A	60%@500A	60%@630A
OCV (V)(MMA /TIG)		45 /79	45 /77	42 /79
MMA	Output current range (A)	5-315	10-500	10-630
	Arc force (A)	10-200		
TIG	Pre-gas/post gas (s)	0.1-9.99/0.1-60		
	Initial/final current (A)	5-315 /5-315	10-500 /20-500	10-630 /20-630
	Up-slope/down-slope (s)	0.1-10 /0.1-15	0.1-10 /0.1-15	0.1-10 /0.1-15
	Peak current (A)	5-315	10-500	10-630
	Pulse frequency (Hz)	0.2-20		
	Pulse duty cycle	15%-85%		
	AC frequency (Hz)	20-200	20-100	
	AC balance	-40%±40%		
Protection class		IP23S	IP21S	
Dimension (mm)		655*324*546	665*353*778	690*385*825
Weight (kg /lb)		50 /110.3	77 /170	90 /198.6



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