



Advanced Digital GTAW-ACDC

ATIG-315 /500 /630PAC



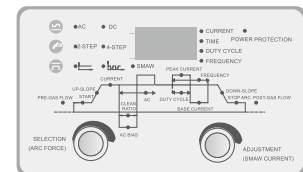
ATIG-PAC Series is digital models with high end MCU technology, suitable for both automatic application and manual welding. It offers multiple parameters adjustment to ensure perfect welding for stainless steel (DC) welding and Aluminum(AC) welding.

Features and Benefits

- **Precise adjustment:** all parameters can be precisely adjusted in real time
- **Adjustable MMA parameters:** arc starting current and arc force, easy for arc ignition
- **Remote control:** current
- **Synchronous mutual arc feature**
- **Wide range of applicable industries:** nuclear power construction, pipeline construction, shipbuilding, high-pressure vessels, and so on
- **Wide range of applicable materials:** stainless steel, carbon steel, copper, titanium, and aluminum
- **Adjustable AC parameters:** to ensure a good purging effect
- **AC MMA process:** optional
- **Work together with wire feeder:** for customized models

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)



Work with Remote Controller
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ATIG-315 /500 /630PAC

Technical Specification

		ATIG315PAC	ATIG500PAC	ATIG630PAC
Rated input voltage /frequency (V /Hz)		3 phase, AC380V±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		IP23		IP21
Dimension (mm)		660*340*580	665*353*778	690*385*825
Weight (kg /lb)		50 /110.3	77 /170	90 /198.6