

# AT-500

## Application

Industrial equipment manufacturing  
Aluminum processing 、 Sheet metal fabrication  
Pipe & tube fabrication 、 Shipbuilding industryt

## Features

Portable type for on-site use  
Inverter technology for energy-efficient  
Easy to set up and operate  
Built-in adjustable arc properties  
AC frequency adjustment for precision control penetration  
PLC control connection support  
0-10V analog interface available to control welding current  
3-stage switching pulse frequency  
2T welding function for up/down slope



## Specification

Input Power	V	220 V , 1/3Φ	Pre flow time	Sec	0.2~5
		380 V , 3Φ	Post flow time	Sec	2.0~20(±25%)
Input voltage range	%	±15%	Pulse current	A	10~500
Input frequency	HZ	50&60	Pulse frequency	HZ	High: 1.3~500
Rated input capacity	KVA	23.35			Middle: 1.2~45
	KW	17.54	Low: 0.3~13		
Rated output	V	TIG: 30	Pulse Ratio Width	%	1~99
		STICK: 36			
	A	TIG: 500~505	Duty cycle	-	500A / 60%
		STICK: 400			387A / 100%
Welding amperage range	A	TIG: 10~505	Water cooler control	-	✓
		STICK: 10~400	AC Balance	%	20~50
Efficiency	%	85	Gas check	-	✓
Open-circuit voltage	Vdc	70DC / -65AC	Crater control	-	Crater / Repeat/Spot /Special 2T
Up slope	Sec	0.1(±20%)~10(±20%)	Insulation class	-	H
Down slope	Sec	0.1(±20%)~10(±20%)	Protection class	-	IP21S
Spot time	Sec	0.2~10	Dimension (W*D*H)	mm	300*735*670
			Net Weight	kg	74.6

