

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	2~15
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	Duty cycle	-	500A / 60%
	A	TIG: 500~505			387A / 100%
		STICK: 400	Water cooler control	-	✓
Welding amperage range	A	TIG: 10~505	AC Balance	%	20~50
		STICK: 10~400	Gas check	-	✓
Efficiency	%	85	Crater control	-	Crater / Repeat/Spot /Special 2T
Open-circuit voltage	V	80DC / 100AC	Insulation class	-	H
Up slope	Sec	0.2~10	Protection class	-	IP21S
Down slope	Sec	0.2~10	Dimension (W*D*H)	mm	300*735*670
Spot time	Sec	0.2~10	Net Weight	kg	74

