

AFT-301

Application

Heavy & Precision fabrication
Heavy fabrication \ Pipe and tube fabrication
Aerospace \ Marine Fabrication & Repair
Aluminum fabrication

Features

Portable type for on-site use
Inverter technology for energy-efficient
Thermal Overload Protection
Easy to set up and operate
4-segment arc control(S-hard/hard/soft/S-soft)
Pulse sequence flexible adjustable
AC frequency adjustment for precision control penetration
Provide 10 pin receptacle for welding current remote control



Specification

Input Power	V	220 V , 1/3Φ	Pre flow time	Sec	0.2~5
		380/415 V , 3Φ	Post flow time	Sec	2~20
Input voltage range	%	±15%	Pulse current	A	10~300
Input frequency	HZ	50&60	Pulse frequency	HZ	High: 7~500
Rated input capacity	KVA	9.4			-
	KW	8.7	Low: 0.4~27		
Rated output	V	TIG: 22	Pulse Ratio Width	%	20~80
		STICK: 30	Duty cycle	-	300A / 40%
A	TIG: 300	Water cooler control			-
	STICK: 250		190A / 100%		
Welding amperage range	A	TIG: 5~300	AC Balance	%	20~50
		STICK: 5~250	Gas check	-	✓
Efficiency	%	76	Crater control	-	Crater / Repeat
Open-circuit voltage	V	80DC / 150AC	Insulation class	-	H
Up slope	Sec	0.1~5	Protection class	-	IP21S
Down slope	Sec	0.1~5	Dimension (W*D*H)	mm	305*660*565
Spot time	Sec	0.1~5	Net Weight	kg	48.6

