

AFT-303

Application

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

Features

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
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: 7.5~500
Rated input capacity	KVA	9.4			-
	KW	8.7	Pulse Ratio Width	%	Low: 0.4~27
Rated output	V	TIG: 22			20~80
		STICK: 30	Duty cycle	-	300A / 70%
	A	TIG: 300			250A / 100%
		STICK: 250	Water cooler control	-	✓
Welding amperage range	A	TIG: 10~300	AC Balance	%	20~50
		STICK: 10~250	Gas check	-	✓
Efficiency	%	76	Crater control	-	Crater / Repeat
Open-circuit voltage	V	75DC / 135AC	Insulation class	-	H
Up slope	Sec	0.1~5	Protection class	-	IP21S
Down slope	Sec	0.1~5	Dimension (W*D*H)	mm	410*510*620
Spot time	Sec	0.1~5	Net Weight	kg	65

