

## DT-300

100 kHz precision pulse control  
Simple control panel

### Application

Industrial Equipment Manufacturing  
Bridge Construction & Infrastructure  
Stainless Steel Fabrication 、 Aerospace Engineering  
Automotive Manufacturing 、 Pipe & Pipeline Manufacturing

### Features

1. 100 kHz dual-parallel output ensures a focused, stable arc with fast spot welding and consistent penetration.
2. High-frequency energy-efficient control enables effective welding at lower currents.
3. Lightweight 300A design with a 60% duty cycle ensures reliable on-site operation.
4. Simple control panel with current preset and voltage/current pre-display complies with site safety inspections.
5. Built-in protection functions and 200 VAC input ensure stable operation under low-voltage conditions.
6. Optional PLC interface supports automation and system integration.



### Specification

Input Power	V	220 V , 1/3Φ	Pre flow time	Sec	0.2~5
		380/415V, 3Φ	Post flow time	Sec	2~20
Input voltage range	%	±15%	Pulse current	A	-
Input frequency	HZ	50&60	Pulse frequency	HZ	-
Rated input capacity	KVA	11.78			-
	KW	8.25	Pulse Ratio Width	%	-
Rated output	V	TIG: 22			-
		STICK: 26	Duty cycle	-	300A / 60%
	A	TIG: 300			232A / 100%
		STICK: 150	Water cooler control	-	✓
Welding amperage range	A	TIG: 5~300	Clean	-	-
		STICK: 5~150	Gas check	-	✓
Efficiency	%	80	Crater control	-	Crater / Repeat
Open-circuit voltage	V	110±10	Insulation class	-	H
Up slope	Sec	0.1	Protection class	-	IP21S
Down slope	Sec	0.1	Dimension (W*D*H)	mm	260*595*505
Spot time	Sec	-	Net Weight	kg	26.5

