

# EXPAT-3000i AC/DCP

## Welder



EXPAT-3000i AC/DCP Series is digital models with high end MCU technology, suitable for both automatic application and manual welding. It offers multiple parameters adjustment to ensure perfect welding for stainless steel (DC) welding and Aluminum (AC) welding.

### FEATURES AND BENEFITS »

- Can remotely control current
- All parameters can be precisely adjusted in real time
- MMA: adjustable arc current, arc force current, easy arc starting
- Synchronous mutual arc feature (optional)
- Widely used for nuclear power installation, pipe installation, shipbuilding, high pressure container, etc.
- Suitable for stainless steel, carbon steel, copper, titanium, aluminum welding

### PROCESSES »

DC TIG /AC TIG /PLUSE TIG /MMA

### STANDARD EQUIPMENTS »

- 300 Amps Power Source
- Argon Regulator with Hose
- Water cooled TIG Torch
- 3 Meter Earth Set
- Water cooling unit
- Trolley mounted
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**TECHNICAL SPECIFICATION**

<b>Model</b>		<b>EXPAT-3000i AC/DCP</b>
Rated input voltage/frequency (Hz)		3 phase, 415V±10%, 50 Hz
Rated input capacity (KVA)		13.6
Rated input current (A)		19.0
Duty cycle (40C)		60%@315A
OCV (V)(MMA /TIG)		45 /79
MMA	Output current range (A)	5-315
	Arc force (A)	10-200
TIG	Pre-gas/post gas (s)	0.1-9.99/0.1-60
	Initial/final current (A)	5-315 /5-315
	Up-slope/down-slope (s)	0.1-10 /0.1-15
	Peak current (A)	5-315
	Pulse frequency (Hz)	0.2-20
	Pulse duty cycle	15%-85%
	AC frequency (Hz)	20-200
	AC balance	-40%±40%
Protection class		IP21S
Dimension (mm)		655*324*546
Weight (kg /lb)		50 /110.3