

# AT-350R

## Application

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

## Features

Portable type for on-site use & Easy to set up and operate  
Inverter technology & Smart fan control for energy-efficient  
Thermal Overload Protection  
4-segment arc control (S-hard/hard/soft/S-soft)  
Cold welding  
Full digital touch screen control  
Pulse sequence flexible adjustable  
Memorable program 0-99 groups  
Provide 10 pin receptacle for welding current remote control  
RS 485 and PLC control connection support



## Specification

|                        |     |                |                      |     |                 |
|------------------------|-----|----------------|----------------------|-----|-----------------|
| Input Power            | V   | 220 V , 1/3Φ   | Pre flow time        | Sec | 0.05~5          |
|                        |     | 380/415 V , 3Φ | Post flow time       | Sec | 0.1~20          |
| Input voltage range    | %   | ±20%           | Pulse current        | A   | 10~350          |
| Input frequency        | HZ  | 50&60          | Pulse frequency      | HZ  | DC: 0.5~2K      |
| Rated input capacity   | KVA | 12.5           |                      |     | AC: 0.1~100     |
|                        | KW  | 11.5           |                      |     | -               |
| Rated output           | V   | TIG: 24        | Pulse Ratio Width    | %   | 10~90           |
|                        |     | STICK: 30      | Duty cycle           | -   | 350A / 50%      |
|                        | A   | TIG: 350       |                      |     | 221A / 100%     |
|                        |     | STICK: 300     | Water cooler control | -   | ✓               |
| Welding amperage range | A   | TIG: 10~350    | AC Balance           | %   | 5~50            |
|                        |     | STICK: 10~300  | Gas check            | -   | ✓               |
| Efficiency             | %   | 83             | Crater control       | -   | Crater / Repeat |
| Open-circuit voltage   | V   | 66DC / 160AC   | Insulation class     | -   | H               |
| Up slope               | Sec | 0~10           | Protection class     | -   | IP21S           |
| Down slope             | Sec | 0~10           | Dimension (W*D*H)    | mm  | 300*565*670     |
| Spot time              | Sec | 0.01~5         | Net Weight           | kg  | 54              |

