



**TIG  
HF**



**TIG  
LIFT**



**MMA  
DC**



**2T/4T**



**Voltage  
Reduction  
Device**



**Hot Start  
Adjustable**



**Arc Force  
Adjustable**



**Anti-sticking**



**MCU**



**OVER-HEAT  
PROTECTION**

### Standard accessories



TIG Torch 4.0m



Electrode Holder 2m



Ground Clamp 2m



Welding Helmet



Brush

- High weld quality
- Low deformation
- Wide metal applicability
- Precise operation

### Product Parameters

| Model                     | TIG-140 Ultra |            | TIG-160 Ultra |            | TIG-200 Ultra |            |
|---------------------------|---------------|------------|---------------|------------|---------------|------------|
| Input Voltage (V)         | 1~PHASE 230   |            | 1~PHASE 230   |            | 1~PHASE 230   |            |
| Frequency (Hz)            | 50/60         |            | 50/60         |            | 50/60         |            |
|                           | <b>TIG</b>    | <b>MMA</b> | <b>TIG</b>    | <b>MMA</b> | <b>TIG</b>    | <b>MMA</b> |
| Output Current Range (A)  | 10-140        | 10-140     | 10-160        | 10-160     | 10-200        | 10-200     |
| Absorbed Power (KVA)      | 3.8           | 6.2        | 4.6           | 7.3        | 6.3           | 9.7        |
| Rated Input Current (A)   | 16.5          | 27         | 19.8          | 31.9       | 27.2          | 42.3       |
| Effective Current (A)     | 10.4          | 17.1       | 12.5          | 20.2       | 17.1          | 26.7       |
| No load Voltage (V)       | 65±5          |            | 65±5          |            | 65±5          |            |
|                           | 40%140A       |            | 40%160A       |            | 40%200A       |            |
| Duty Cycle 40°C 10min     | 60%100A       |            | 60%130A       |            | 60%160A       |            |
|                           | 100%80A       |            | 100%90A       |            | 100%120A      |            |
| Efficiency (%)            | 80            |            | 80            |            | 80            |            |
| Power factor              | 0.72          |            | 0.72          |            | 0.72          |            |
| Insulation Class          | F             |            | F             |            | F             |            |
| Protection Class          | IP21S         |            | IP21S         |            | IP21S         |            |
| Gross Weight (kg)         | 7.8           |            | 7.8           |            | 7.8           |            |
| Product Dimensions (mm)   | 346x170x277   |            | 346x170x277   |            | 346x170x277   |            |
| Packaging Dimensions (mm) | 386x190x360   |            | 386x190x360   |            | 386x190x360   |            |