



## Plasma Cutting Rectifier AP 40



### Suitable for

- Mild steel
- Brass, Silver, Copper
- Stainless steel
- Zirconium alloy steel, etc
- Aluminum

### Advantageous

- The latest Japanese rectifier for stable arc
- Sharp and fine cutting without dross
- Stable cutting capacity
- HF Ignition
- 1 Cutting steps, 40 A for AP 40
- Thermal overload protection
- Economic due to cutting with air

| Specifications                  | AP 40              |
|---------------------------------|--------------------|
| <b>Quality cutting capacity</b> |                    |
| Steel                           | 10 mm              |
| Stainless steel                 | 8 mm               |
| Aluminum                        | 8 mm               |
| <b>Max. cutting capacity</b>    |                    |
| Steel                           | 12 mm              |
| Stainless steel                 | 10 mm              |
| Aluminum                        | 10 mm              |
| Ignition                        | High frequency     |
| Cutting current                 | 40 A               |
| Duty cycle                      | 40 %               |
| Rated input power               | 7.26 KVA           |
| Open circuit voltage            | 250 V              |
| Rated load voltage              | 115 V              |
| Input voltage, Tolerance        | 220 V, $\pm 10\%$  |
| Input phase                     | 1 Phase            |
| Frequency                       | 50 / 60 Hz         |
| Index protection                | IP 21              |
| Insulation class                | H                  |
| Cooling                         | Air                |
| Air pressure                    | 5 Bar              |
| Air flow                        | 155 l/min          |
| Torch cooling                   | Air                |
| Weight                          | 70 Kg              |
| Dimensions ( L x W x H )        | 510 x 325 x 655 mm |



Plasma Cutting Torch CB50 for AP 40  
Note : See in Product Catalog D

| Item Code    | Item Name                                               | MoQ   |
|--------------|---------------------------------------------------------|-------|
| 101.09.001.1 | Plasma Cutting AP 40 Package<br>• Air regulator - 1 set | 1 Set |

### Standard Accessories

|            |                                                      |        |
|------------|------------------------------------------------------|--------|
| 101.09.001 | Plasma Cutting Rectifier - AP 40                     | 1 Unit |
| 203.35.001 | Plasma Cutting Torch - Ergocut CB50 - 6m - 1/4G      | 1 Set  |
| 201.26.001 | Kit - Mini TIG / AP                                  | 1 Set  |
| 201.11.008 | Lug to Ground Clamp 300 A, 35 mm <sup>2</sup> at 3 m | 1 Set  |

### Optional Accessories

|            |                         |       |
|------------|-------------------------|-------|
| 203.35.002 | Carriage - Ergocut CB50 | 1 Pcs |
|------------|-------------------------|-------|

### General Accessories

|            |                                   |       |
|------------|-----------------------------------|-------|
| 201.22.009 | Welding Helmet - Solarmatic Blue  | 1 Pcs |
| 201.22.010 | Welding Helmet - Solarmatic Red   | 1 Pcs |
| 201.22.011 | Welding Helmet - Solarmatic Green | 1 Pcs |

