



Plasma Cutting Rectifier AP 120



Suitable for

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

Advantageous

- The latest Japanese rectifier for stable arc
- Sharp and fine cutting without dross
- Stable cutting capacity
- HF Ignition
- 3 Cutting steps, 35 - 50 - 70 A for AP 70
- 4 Cutting steps, 30 - 60 - 90 - 120 A for AP 120
- Thermal overload protection
- Economic due to cutting with air

Specifications	AP 120
Quality cutting capacity	
Steel	35 mm
Stainless steel	28 mm
Aluminum	28 mm
Max. cutting capacity	
Steel	45 mm
Stainless steel	36 mm
Aluminum	36 mm
Ignition	High frequency
Cutting current	30 - 60 - 90 - 120 A
Duty cycle	60 %
Rated input power	30.0 KVA
Open circuit voltage	300 V
Rated load voltage	120 V
Input voltage, Tolerance	380 V, ± 10 %
Input phase	3 Phase
Frequency	50 / 60 Hz
Index protection	IP 21
Insulation class	H
Cooling	Air
Air pressure	5 Bar
Air flow	210 l/min
Torch cooling	Air
Weight	183 Kg
Dimensions (L x W x H)	786.7 x 452.4 x 885 mm

Item Code	Item Name	MoQ
Standard Accessories		
101.09.003	Plasma Cutting Rectifier - AP 120	1 Unit
203.37.001	Plasma Cutting Torch - Ergocut A151 - 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 ² at 3 m	1 Set

Optional Accessories		
203.37.018	Carriage - Ergocut A151	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

Item Code	Item Name	MoQ
101.09.003.1	Plasma Cutting AP 120 Package	1 Set
• Air regulator - 1 set		



A151

Plasma Cutting Torch A151 for AP 120
Note : See in Product Catalog D