

Battery-Powered Plasma Welding & Cutting System



ES-8024 Inspection & Maintenance Field (AC220V+MMA+TIG+CUT All-in-One Output)



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MAIN FEATURES

- ★ AC 220V/4000W High-Power Supply with Pure Sine Wave Inverter Output - Compatible with Power Tools, Industrial Equipment, Home Appliances & Precision Instruments.
- ★ Integrated Pure DC Stick Welding supports $\Phi 1.6-5.0\text{mm}$ electrodes with stable arc performance and superior weld appearance. Features scratch-start TIG welding capability.
- ★ Built-in VRD (Voltage Reduction Device) Anti-Shock Protection - Complies with Welding Site Safety Regulations.
- ★ Built-in Cellulose/Low-Hydrogen Electrode Switching Function - Easy Adaptation for Different Electrode Types.
- ★ Built-in Inverter Air Plasma Cutter - Cuts Carbon Steel, Alloy Steel, Non-Ferrous Metals & Various Metal Materials up to 25mm Thickness.
- ★ IP54 Protection Rating - Dust-Resistant & Splash-Proof for Outdoor Engineering Applications.
- ★ Electrical Safety Design with Isolation Circuitry - Complies with On-Site Safety Supervision Requirements.
- ★ Built-in Overload Protection Device - Prevents Equipment Damage from Electrical Appliance Overload.
- ★ Multi-Stage High-Power Professional-Grade Charger - Efficient & Safe Charging.
- ★ Long-Life Lithium Battery Module with Modular Design - Stackable for Extended Runtime, 8-10 Year battery life.

MODEL	ES-8024
Output Voltage	AC 220V/50Hz
Communication Output Power	4000W
Peak Starting Power	12000W/2s
Output Current	Waterproof 10A/16A
Welding Current	30-240A
Electrode Diameter	$\Phi 1.6-5.0\text{mm}$
Suitable Material	Low carbon steel, high carbon steel, stainless steel, alloy steel, etc
Cutting Current	20-80A
Plasma Cutting Thickness	25mm
Using Plasma Gas	Compressed gas
Cutting Torch	Air-cool
Battery Mounting Method	Built-in battery
Battery Capacity	24115Wh(LFP)
Protection Function	Overload, undervoltage, short circuit, leakage, abnormal
Protection Class	IP54(All-Weather Design - Rain, Heat & Dust Resistant)
Bluetooth System	Android, ios
Ambient Temperature	-20°C~55°C
Charging Time	6-6.5h
Size	1211x620x975mm
Weight	312kg

SSR CONSULTANT
GSTIN: 07ACSPR5495A1Z5

A- 1/16 FF ,Phase- 1, Alok Kunj, Sector- 15, Rohini- 110085 Delhi

Office - 220, RG Mall, 2nd Floor, Sector- 9, Rohini- 110089 Delhi

P- +91 9650 065 719 E- sales@ssrconsultant.in W- www.ssrconsultant.in