

LGK-60

IGBT INVERTER AIR PLASMA CUTTING MACHINE


**65A
OUTPUT**

**100%
DUTY CYCLE**

**LOW
FREQUENCY
ARC START**

**CNC
COMPATIBLE**

	Current Regulation Range	30~65A
	Quality Perforation Thickness Range (Carbon Steel)	0.3~12mm
	Maximum Edge Cutting Thickness (Carbon Steel)	15mm
	Arc Striking Method	Low frequency

FEATURES & BENEFITS



Optional Better Cutting Torch

Low-frequency arc starting technology with a low-frequency cutting torch, good anti-interference performance, more concentrated arc, and better cutting quality.



Extremely Durable Cutting with 100% Duty Cycle

Cut at 65A with 100% duty cycle! Dual-module IGBT improves stability and service life.



Industry-Leading Cutting Quality

Real-time communication with the CNC system, precise control of cutting quality through the database, higher current at the moment of piercing to enhance piercing ability, and intelligent corner-cutting current control to improve quality and avoid over-burning.



Working at Garage, Adapt To The World

Double-cutting mode; supports both handheld and machine use; universal cutting; supports single-phase 220V and three-phase 220V/380V; the 100% duty cycle has no attenuation for different voltages.



We Provide a One-Year Warranty

One-year warranty for the core power-supply components; quality supported by dual-module IGBT, strong heat dissipation, tower air duct and soft-switch technology to reduce power consumption; components from large factories and coils made by hand.



FRONT PANEL CONNECTORS

- In addition to supporting basic feedback arc voltage acquisition and output functions, it can be used in arc voltage height adjustment systems.
- It can not only meet the customer's handheld use but also can be used to link CNC machines.



DETAILED SPECIFICATIONS

Input Voltage	380V/220V 3 phase; 220V single phase
Frequency	50Hz~60Hz
Voltage Range	300~380V (450V) customizable
Input Power	11KVA
Rated Output Current	65A
Rated Output Voltage	105.2V
Rated Load Duration	100%
No-load Voltage	308VDC
Input Copper Core Wire Cross-sectional Area (mm ²)	≥6 square
Ground Wire Cross-sectional Area (mm ²)	≥16 square
Internal Fuse (A)	45
Switching Capacity (A)	60
Plasma Gas Used	Compressed air
Working Plasma Gas Pressure	0.4~0.6MPa
Torch Cooling Method	Air-cooled
Insulation Class	F level
Enclosure Protection Class	IP21S
Net Weight	24kg
Package Weight	28kg (carton)
Dimensions L×W×H (mm)	500×210×400
Packing Size L×W×H (mm)	580×240×465



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