

# Inverter MOSFET MMA/TIG Welding Machine

This welding machine utilizes inverter technology, providing a high power utilization rate and good welding quality. It is suitable for both TIG Argon welding and MMA arc welding.



## Overview

### Professional Inverter Welding Solution

This Inverter MOSFET Welding Machine utilizes advanced inverter technology to deliver high power utilization and superior welding quality with low open-circuit loss. Designed for versatility, it supports both TIG Argon welding and MMA arc welding, making it suitable for a wide range of professional applications. The unit features touch arc introduction technology and is built to be compact, lightweight, and highly portable for maximum efficiency on the job site.

## Technical Specifications

Supported Welding Modes	MMA (Stick), TIG (Argon)
Insulation Grade	H
Duty Cycle	60 %
Frequency	50/60 Hz

## Performance Comparison

Model	Voltage (V)	Current Range (A)	Power Factor	Input Current (A)	Insulation Grade	Current Range (A)	Duty Cycle (%)	Dimensions (cm)	Weight (kg)
HP-160NL	220	50/60	54	5.4	H	20-160	60	40*17*30	10
HP-180NL	220	50/60	54	6.2	H	20-180	60	40*17*30	11
HP-200NL	220	50/60	54	7.1	H	20-200	60	40*17*30	12
HP-250NL	220	50/60	54	9.8	H	30-250	60	40*17*30	12

Detailed technical comparison of available welding machine models.

### Model Specifications

Model	Current Range (A)	Input Current (A)	Weight (kg)
HP-160NL	20-160	5.4	10
HP-180NL	20-180	6.2	11
HP-200NL	20-200	7.1	12
HP-250NL	30-250	9.8	12

### Standard Features Across Models

- Voltage: 220V
- Power Factor: 54
- Insulation Grade: H
- Duty Cycle: 60%
- Dimensions: 40 x 17 x 30 cm