

IGBT Inverter ARC Welding Machine

This ARC welding machine utilizes IGBT inverter technology for increased strength and a compact size. It is suitable for MMA welding of low carbon steel and low alloy steel with various welding rods.



Product Overview

Professional IGBT Inverter Welding

This advanced IGBT inverter welding machine delivers superior performance with a compact and lightweight design. It provides high power utilization rates, minimizing open circuit losses while ensuring high-quality welding results. The unit is ideally suited for MMA welding applications on low carbon and low alloy steels, accommodating a wide range of welding rods.

Technical Specifications

Model	Mains Voltage (V)	Frequency (HZ)	No-load Voltage (V)	Rated input capacity (KVA)	Insulation class	Output current (A)	Rated duty cycle (%)	Dimensions (CM)	Weight (KG)
CPT-120I	220	50/60	56	5.0	H	20-120	45	22.5*14*10	3.5
CPT-140I	220	50/60	56	5.5	H	20-140	45	22.5*14*10	4.0
CPT-160I	220	50/60	56	6.0	H	20-160	45	22.5*14*10	4.0
CPT-200I	220	50/60	56	7.0	H	20-200	45	25.5*15*11	5.0
CPT-120IS	220	50/60	56	5.0	H	20-120	45	22.5*14*10	3.5
CPT-140IS	220	50/60	56	5.5	H	20-140	45	22.5*14*10	4.0
CPT-160IS	220	50/60	56	6.0	H	20-160	45	22.5*14*10	4.0
CPT-200IS	220	50/60	56	7.0	H	20-200	45	25.5*15*11	5.0

Detailed comparison of electrical and physical specifications across the model range.

Performance Highlights

160 A

Max Output Current

45 %

Rated Duty Cycle

6 KVA

Rated Input Capacity

Power and Electrical

Parameter	Value
Mains Voltage	220V
Frequency	50/60Hz
No-load Voltage	56V
Insulation Class	H

Physical Characteristics

Size and Portability

- Dimensions: 22.5 x 14 x 10 cm
- Weight: 4.0 kg

Key Features

Technology and Compatibility

IGBT Technology, MMA Welding, Low Carbon Steel Compatible, Compact Design