

By Lincoln Electric®

# PowerCRAFT™ 210 & 250 MIG Inverters

## ADVANTAGE

- ▶ **Multi-process Inverter MIG, TIG and Stick Welder**
- ▶ **Small and light weight yet powerful**
- ▶ **Unique features**  
Different outputs, performance features, fit any customer requirements.
- ▶ **Built-in VRD**  
Increases operator safety in environments with increased hazard of electric shock (functional in all 3 modes)
- ▶ **Generator Compatible\***  
Ideal for site use
- ▶ **Intelligent protection**  
Over-voltage, low voltage and over-current.
- ▶ **Lift TIG**  
For arc starting without tungsten contamination
- ▶ **Auto Arc Force**  
For a stable arc with low spatter levels as standard
- ▶ **Meets IEC 60974.1 & IEC60974.1**  
Australian & International Standards for welding machines
- ▶ **Thermally protected**  
For longer life
- ▶ **IGBT technology**  
For high reliability
- ▶ **Ready to weld with accessories**  
Accessories/ power cord included



## 3- in-1 Stick- TIG- MIG

The PowerCRAFT™ 210C & 250C inverters 3 in 1 Stick, TIG, MIG machine is intended to be used for light to medium duty welding applications. The ideal choice for contractors, maintenance/repair, rural and serious DIY. The PowerCRAFT™ 210C & 250C are designed to be used with Mild steel gas shielded MIG, Innershield® gasless FCAW, mild steel, low hydrogen, stainless steel electrodes, and DC TIG (with optional TIG torch).

The PowerCRAFT™ 210C & 250C are easy to use. Simply using the weld procedure guide attached in the machine set the wire feed speed and voltage for the wire size and plate thickness you are using. Includes many features normally found on larger industrial welders such as; digital volt/amp meter, gas purge, cold wire feed, external polarity selection, 4T/2T trigger latching, adjustable inductance/arc force and VRD.

The PowerCRAFT™ 210C & 250C are compact and lightweight and are supplied with all the accessories so it is ready to weld out of the box.

### UNIT INCLUDES

- ▶ LG 240G MIG Torch 4m
- ▶ 5 metre ground cable with work clamp
- ▶ 5 metre welding cable with electrode holder
- ▶ Drive Rolls
  - 0.8 / 0.9mm Solid
  - 0.9 / 1.2mm Cored
- ▶ Flowmeter / Regulator
- ▶ 3 metre input cable with 240V, 15A Plug

### APPLICATIONS

- ▶ General fabrication
- ▶ Maintenance/ repair
- ▶ Rural
- ▶ Home handy man
- ▶ Automotive applications

## TECHNICAL SPECIFICATIONS

| Product          | Item Number | Primary Voltage            | Fuse Size | Weight (kg) | Dimensions HxWxD (mm) | Protection/ Insulation Class | Compliance               |
|------------------|-------------|----------------------------|-----------|-------------|-----------------------|------------------------------|--------------------------|
| PowerCRAFT™ 210C | K69034-1    | 240 V/1/50-60Hz<br>(± 10%) | 15        | 23.8        | 436 x 320 x 550       | IP21S/H                      | AS60974.1<br>IEC 60974-1 |
| PowerCRAFT™ 250C | K69033-1    | 240 V/1/50-60Hz<br>(± 10%) | 15**      | 22.7        | 436 x 290 x 590       | IP21S/H                      | AS60974.1<br>IEC 60974-1 |

\*\*Limited Output

## WELDING OUTPUT

| Product          | Mode  | Current range | Rated output      |
|------------------|-------|---------------|-------------------|
| PowerCRAFT™ 210C | Stick | 10 - 200A     | 200A, 28V @ 25%   |
|                  | TIG   | 10 - 200A     | 200A, 18V @ 25%   |
|                  | MIG   | 10 - 210A     | 200A, 24.5V @ 25% |
| PowerCRAFT™ 250C | Stick | 10 - 200A     | 200A, 28V @ 20%   |
|                  | TIG   | 10 - 200A     | 200A, 18V @ 20%   |
|                  | MIG   | 10 - 250A     | 250A, 26.5V @ 30% |

## ACCESSORIES

| Item number | Description                      |
|-------------|----------------------------------|
| PC26FV-8I   | Powercraft™ PC26FV 8m, TIG Torch |

## \* GENERATOR REQUIREMENTS

| Product          | Output  | Output range  | Peak Max  | Frequency |
|------------------|---------|---------------|-----------|-----------|
| PowerCRAFT™ 210C | 10+ kVA | 200-270 Volts | 380 Volts | 50-60Hz   |
| PowerCRAFT™ 250C | 11 kVA  | 200-270 Volts | 380 Volts | 50-60Hz   |



### CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change - This information is accurate to the best of our knowledge at the time of printing.

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