

PowerCRAFT[™] Inverter 130 – 160 – 180



ADVANTAGE

- ▶ **Small and light weight yet powerful**
4.7 kg - PowerCRAFT 130
6.8 kg - PowerCRAFT 160
6.8 kg - PowerCRAFT 180
- ▶ **Three unique units**
Different outputs, performance and features, fit any customer requirements.
- ▶ **Built-in VRD**
Increases operator safety in environments with increased hazard of electric shock.
- ▶ **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
- ▶ **Built in "hot Start"**
For excellent arc striking,
- ▶ **Anti- Sticking**



Built for the job

The PowerCRAFT[™] 130, 160 and 180 inverter machines are intended to be used for light to medium duty welding application. They are an ideal choice for maintenance, small repairs & general fabrication. The PowerCRAFT[™] machines are designed to be used with 6011, 6013 & 7018 type electrodes up to 4.0mm in diameter.

The PowerCRAFT[™] inverter machines are very compact, lightweight and come with a shoulder strap for ease of transportation. Accessories are included, so the machines are ready to weld out of the box.

ADVANTAGES CONTINUED...

- ▶ **Meets IEC 60974-1**
International Standards for welding machines
- ▶ **Thermally protected**
For longer life
- ▶ **IGBT technology**
For high reliability
- ▶ **Easy to set Output Control**
Calibrated dials
- ▶ **Ready to weld with accessories**
Accessories/ power cord included
- ▶ **PowerCRAFT[™] 130**
True 10amp rated input

APPLICATIONS

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

UNIT INCLUDES

- ▶ 3 metre input cable with integrated plug
- ▶ 3 metre ground cable with work clamp
- ▶ 3 metre welding cable with electrode holder

TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection/Insulation Class	Compliance
130	K69016-1	240 V/1/50-60Hz (± 10%)	10	4.7	190 x 110 x330	IP21S/H	AS60974.1 IEC 60974-1 ROHS CE
160	K69018-1		15	6.8	230 x 140 x 360		
180	K69019-1			6.8			


WELDING OUTPUT

Product	Current range	Rated output (40°C)
130	20-130A	130A @ 15%, 65A @ 60%
160	20-160A	160A @ 21%, 100A @ 60%
180	20-180A	180A @ 16.5%, 85A @ 100%

* GENERATOR REQUIREMENTS

Output	Output range	Peak Max	Frequency
>7kVA	180-260 Volts	367 Volts	50-60Hz

SELECTION TABLE

	130	160	180
Applications			
Electrode Ø (mm)	1.5 - 3.2	1.5 - 4.0	
Rutile / basic	●	●	●
Cellulosic	●	●	●
Performance			
Hot start	●	●	●
Auto-arc force	●	●	●
VRD	●	●	●
Anti-stick	●	●	●
Environment			
Generator use	●	●	●
Features			
Lift TIG	●	●	●
Packaging			
	Machine + Welding Leads + Carry Case		

