



1 Phase DC CC

# CADDY™ ARC 151i/201i POWER SOURCE

## Portable Solutions for Professional MMA & TIG Welding

- Fifth generation Caddy™ machines feature advanced inverter technology built in – deliver unparalleled performance in a rugged, portable package
- Adjustable hot start (A33) makes it easy to strike the electrode – avoids starting problems
- Adjustable arc force (A33) sets the intensity of the arc – improves weld quality
- ArcPlus™ II (A33) improves welding characteristics and simplifies work – produces better weld quality with less clean up
- Equipped with large OKC 50 cable connectors – for greater durability
- Features compact design with impact resistant polymer and aluminum casing – makes the unit lightweight and easy to carry
- Small size does not compromise vital cooling of internal components
- Large heat sinks and innovative design make these Caddy™ machines run cooler – promotes longer machine life even when used in harsh environments
- Designed to keep sensitive interior parts clean and dust free
- Built in accordance with IP23 for outdoor use, even in wet-weather conditions – makes this machine ideal for on-site work
- Equipped with a PFC (Power Factor Correction) circuit – allows the machine to perform a full range of functions on a 16 A fuse, protects against fluctuating mains voltage, and makes it safer to use with a generator
- Operates with extra long mains cables – expands working radius



### Control Panels

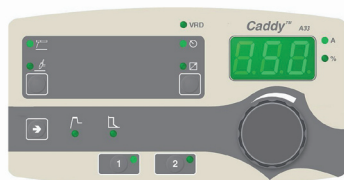
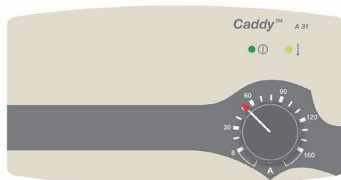
The advanced Caddy™ A33 features a digital display panel with hot-start and arc force control for fine tuning, MMA or TIG selection, LiveTig™ start, two memory settings and remote control. The Caddy™ A31 features a basic control panel with a single current setting knob, which makes it extremely easy to set.

### MMA and ArcPlus™ II

Caddy™ Arc supplies direct current and allows you to weld most metals including alloy and non alloy steel, stainless steel and cast iron. With the Caddy™ Arc 151i, you can weld most 1/16" – 1/8" dia. electrodes and some 5/32" dia. electrodes. The Caddy™ Arc 201i welds electrodes up to 5/32" dia.

### TIG Welding

To TIG weld with the Caddy™ Arc, all you need is a TIG torch with a gas valve, gas regulator and cylinder of gas. Use scratch-start with the Caddy™ A31 control panel. The Caddy™ A33 control panel provides Live Tig™ start for electronic control of the start current. You can weld mild steel or stainless steel with or without filler material.



Tig / Stick  
Power Sources

Instruction Manual ..... 0460 446 001 GB  
Sales Literature..... (02-17-09) ARC-23251



# CADDY™ ARC 151i/201i POWER SOURCE

## Specifications

	Caddy™ Arc 151i	Caddy™ Arc 201i
Mains voltage V/ph Hz	230/1ph 50/60 Hz	230/1ph 50/60 Hz
Fuse (slow), A	16	16
Recommended generator size, kVA	10	12
Permitted load at 104°F (40°C), MMA		
25% duty cycle, A/V	150/26	170/26.8
60% duty cycle, A/V	100/24	130/25.2
100% duty cycle A/V	90/23.6	110/24.4
Permitted load at 104°F (40°C), TIG		
25% duty cycle, A/V	150/16	220/18.8
60% duty cycle, A/V	120/14.8	150/16.0
100% duty cycle A/V	110/14.4	110/14.4
Setting range MMA (A31), A	8-150	--
Setting range MMA (A33), A	4-150	4-170
Setting range TIG (A33), A	3-150	3-220
Open circuit voltage (A31), V	58-72	--
Open circuit voltage (A33), V	72	72
Power factor at max. current	0.99	0.99
Efficiency at max. current	80	81
Dimensions LxWxH	16.46"x7.40"x8.19" (418x188x208mm)	16.46"x7.40"x8.19" (418x188x208mm)
Weight	17.42 lbs (7.9 kg)	18.30 lbs (8.3 kg)
Enclosure class	IP 23	IP 23
Application classification	S	S
Standards	IEC/EN 60974-1	IEC/EN 60974-10

## Ordering Information

Caddy™ Arc 151i, A 31 package .....	0460445881
Caddy™ Arc 151i, A 33 package .....	0460445883
Caddy™ Arc 201i, A 33 package .....	0460445884

Packages include 10 ft. (3m) MMA welding and return cable kit with "screw" type electrode holder



## Options

Shoulder Strap .....	0460265003
2-wheel Trolley, small gas bottle .....	0459366885
2-wheel Trolley, gas bottle in front .....	0459366886
2-wheel Trolley, gas bottle on side .....	0460330880
Remote Control MMA 1, 33 ft. (10m) cable.....	0349501024
Remote Control AT 1 .....	0459491896
Remote Control AT1 CoarseFine .....	0459491897
Connection cables for AT1 and AT1 CoarseFine:	
16.5 ft. (5m) cable .....	0459552880
33 ft. (10m) cable .....	0459552881
49 ft. (15m) cable .....	0459552882
82 ft. (25m) cable .....	0459552883
Remote Foot Control FS 002	
with 16.5 ft. (5m) cable .....	0349090886
TIG torch TXH™ 150V OKC50, 13 ft. (4m) .....	0460011843
TIG torch TXH™ 150V OKC50, 26 ft. (8m) .....	0460011883
TIG torch TXH™ 200V OKC50, 13 ft. (4m) .....	0460012841
TIG torch TXH™ 200V OKC50, 26 ft. (8m) .....	0460012881

## Accessories

Helmet Eye-Tech 5-13 .....	0700000890
Helmet Eye-Tech Mono 10/11 .....	15F22
Welding Gloves Heavy Duty Economy Large.....	747F40
Welding Gloves Heavy Duty Deluxe Large .....	747F02
Welding Gloves TIG Large .....	747F33
Welding Gloves TIG Medium .....	747F32
TIG-PEN for 0.040"-1/8" Rod .....	0700009026