



# Ignis

## Battery

### Maximum independence in manual arc and TIG welding

Whether you're working on exposed installations and construction sites, in the great outdoors, or in an open field:

with the Ignis Battery, a power connection is not required. With complete independence from the energy supply, you can rely on a stable and high-performance welding process for both manual arc and TIG welding thanks to innovative battery technology, leaving you to focus fully on the task at hand.

### Impressive features

- HotStart / SoftStart / Anti-stick
- MMA Pulse
- TIG function as standard
- TIG Pulse and TIG Comfort Stop
- TAC tacking function
- TIG Multi Connector (TMC)
- Multilock
- Tracking Arc
- Remote control operation
- Time shutdown (300s / 900s / off)

Compact design and robust construction paired with innovative welding and battery technology: these properties come together to make the Ignis Battery a flexible and mobile welding all-rounder. Use it indoors or outdoors, in any weather, and with or without a power connection.



Up to twentyseven 2.5 mm electrodes can be welded with one battery charge.



Alternatively, 33 minutes of continuous TIG welding can be performed (at 100 A)

# Technical Data\*

Welding electronics  
meets intelligent  
battery technology

This perfect combination enables a high welding voltage with constant output and prevents arc breaks.

Quick charging of the battery:

100% charge state: 1h 10 min

80% charge state: 30 min

Full charge:

100% charge state: 1h 35 min

80% charge state: 1h

If you want to start welding quickly:

2 electrodes can be welded after only 5 minutes of Quick charging time.



	Ignis B 150/750
Nominal voltage of rechargeable battery	50,4 V
Charging current during normal charging	10 A
Charging current during rapidcharging	18 A
Battery capacity	756 Wh
Battery type	Li-Ionen
Welding current range	
Electrode DC	10-150 A
TIG DC	3-150 A
Welding current in hybrid mode	
Manual metal arc welding at 40°C (104°F)	15 % ED, 150 A 25 % ED, 100 A 100 % ED, 50 A
Welding current in hybrid mode	
TIG welding at 40°C (104°F)	25 % ED, 150 A 50 % ED, 100 A 100 % ED, 70 A
Open circuit voltage	91 V
Reduced open circuit voltage	14 V
Degree of protection	IP 23
Type of cooling	AF
Marks of conformity	CE, S
Dimensions l/w/h	435 x 160 x 310 mm 171 x 6.3 x 12.2 in
Weight	appr. 12,2 kg (26.8 lb.)

	Active Charger 1000/230	Active Charger 1000/120	Active Charger 1000/100
Grid voltage	~ 230 V AC, ±15%	~ 120 V AC, ±5%	~ 100-110 V AC, +10% -15%
Grid frequency	50 / 60 Hz		
Mains current	max. 9,5 A eff.	max. 16 A eff.	max. 15,7 A eff.
Mains fuse	max. 16 A	max. 20 A	max. 16 A
Efficiency	max. 95 %	max. 93,5 %	max. 92 %
Effective power	max. 1100 W		max. 940 W
Power consumption (standby)	max. 2,4 W	max. 1,7 W	max. 1,6 W
Protection class	I (with earth conductor )		
Max. approved grid impedance at the interface (PCC) with the public grid	none		
EMC device class	A		
Marks of conformity	CE	cTÜVus	CE
Output voltage	30-58 V DC		
Output current	max. 18 A DC		
Output power	max. 1040 W	max. 1025 W	max. 840 W
Cooling	Convection and fan		
Dimensions l/w/h	270 x 168 x 100 mm		
Weight (without cable)	appr. 2 kg		
Degree of protection	IP40		
Overvoltage category	II		
Device is only permitted to be operated on grids that are grounded at the neutral point			



\*Modifications of the technical data reserved

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