

Ignis

Battery

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.

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.



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

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)



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 TIG DC	10-150 A 3-150 A
Welding current in hybrid mode Manual metal arc welding at 40°C (104°F)	12 % 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 17.1 x 6.3 x 12.2 in
Weight	appr. 12,2 kg (26.8 lb.)

*Modifications of the technical data reserved

	Active Charger 1000/230	Active Charger 1000/120
Grid voltage	~ 230 V AC, ±15%	~ 120 V AC, ±15%
Grid frequency	50 / 60 Hz	
Mains current	max. 9,5 A eff.	max. 15 A eff.
Mains fuse	max. 16 A	max. 20 A
Efficiency	max. 95 %	max. 93,5 %
Effective power	max. 1100 W	
Power consumption (standby)	max. 2,1 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	
Output voltage	30-58 V DC	
Output current	max. 18 A DC	
Output power	max. 1040 W	max. 1000 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 Device is only permitted to be operated on grids that are grounded at the neutral point	II	

