



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 thirty 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 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.)

	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	



*Modifications of the technical data reserved

www.fronius.com

2025 Price Guide

Ignis Welding Packages



Package Components:
Ignis 150 B /750Wh/120V/B
Tool Case 85
Electrode cable 25mm² 4m 200A
GroundCable 25mm² 4m 250A 60%
PAT Basic

Ignis Battery

Package	Description	MSRP
49,0400,0046	Ignis Battery	\$4,815.00



Package Components:
Ignis 150 B /750Wh/120V/B
Tool Case 85
Electrode cable 25mm² 4m 200A
GroundCable 25mm² 4m 250A 60%
PAT Basic
Gas hose 1.5m 1/4" to 5/8"
Gas Regulator
TTG 180P F/RH/4m
RC Bar UD TIG/TMC/4m

Ignis Battery TIG

Package	Description	MSRP
49,0400,0047	Ignis Battery TIG	\$5,360.00



Accessories & Spare Parts

Other parts are available at spareparts.fronius.com

Included In All Packages

Part No.	Description
42,0510,0235	Tool Case 85
43,0004,0478	Electrode cable 25mm² 4m 200A current plug big
43,0004,0479	GroundCable 25mm² 4m 250A 60% plug 35mm² earth clamp
4,010,342	ActiveCharger 1000/120V/B

Included in TIG Package

Part No.	Description
44,0001,3442	Gas hose 1.5m 1/4" to 5/8"
42,0440,0002	Regulator flowmeter
4,036,510	TTG 180P F/RH/4m
4,046,058	RC Bar UD TIG/TMC/4m

Current Plug for Custom Cable Connections

Part No.	Description
43,0003,0340	Current plug 25 - 35 mm² 200A / 60%

Accupocket 150 - Adapter for Larger Cable Connections

Part No.	Description
4,001,549	Bajonet Adaptor 25mm²/50mm² (NOTE: 2 required)

TTG 180P F/RH/4m Standard Parts

Part No.	Description
42,0300,2278	Gas nozzle ceramic Ø18/Ø9,5x47
42,0001,1071	Clamping sleeve 2.4/Ø6.35x52
42,0001,3034	Clamp. sl. case 2.4/Ø11,1x46,8
42,0100,0408	Head shield stand. Ø22/Ø15x10

Catalog & Pricing Validity: Prices are effective from January 1, 2025 through December 31, 2025, and do not include sales tax or delivery. Fronius USA reserves the right to change prices or equipment configurations at any time without notice. Specifications will be those in effect at the time the order is entered at Fronius USA. All prices are FOB Fronius USA, Portage, IN. To reduce the number of shipments and their impacts on the planet, we support a minimum buy program. For any orders under \$250.00, a \$100.00 processing charge will be added. **Cancellation and Return Goods Policy:** All returned goods require the written authorization of Fronius USA prior to return and are subject to a 15% restocking charge, must be returned unused and in original, unopened container. Orders canceled prior to shipment are not charged to purchaser. Orders canceled after shipment are subject to our returned goods policy. Package price is calculated as configured. Any changes, substitutions, or deletions may increase the package price. **Carts not included unless listed. Gas bottles are never included in packages.**