

/ Perfect Welding / Solar Energy / Perfect Charging



ACCUPOCKET 150/400

Arc stability without a power supply



ARC STABILITY WITHOUT A GRID CONNECTION? NO PROBLEM!

What will the conditions be like when welding on site? Will the grid connection there be sufficient for the power source? Thanks to AccuPocket, these concerns will now be a thing of the past. With its battery mode, AccuPocket offers you a welding process that is completely independent from the grid. With conventional solutions, costly grid leads or a heavy, noisy generator are often required at the welding site – neither of which constitute ideal conditions for a welder. This is where AccuPocket can help.

What's your
welding challenge?

Let's get connected.



ADVANTAGES OF THE ACCUPOCKET



THREE DIFFERENT OPERATING MODES

- / Up to 18 electrodes (2.5 mm) with a battery charging in battery mode
- / Generator-powered operation (2 kVA is sufficient)
- / Stable arc for simultaneous charging and welding in hybrid mode

MOBILE AND ROBUST

- / Integrated battery
- / 11 kg overall weight (without charger)
- / Robust design for use in challenging conditions
- / TIG version with additional functions available



INCREASED ARC STABILITY THANKS TO BATTERY TECHNOLOGY

- / Easy electrode ignition due to high short-circuit currents
- / Welding voltage independent of state of charge, no arc break
- / Rutile, basic, CEL and special electrodes
- / 6 x 3.25 mm or 18 x 2.5 mm electrodes for full battery charging or 130 cm TIG weld seam at 150 A

SAFE, HIGH-POWER BATTERY MEETS WELDING TECHNOLOGY

- / LiFePo₄, 400 Wh
- / No Memory Effect
- / Low self discharge
- / Voltage monitoring for all battery cells
- / Protection from overcharging, deep discharge and overheating
- / Rapid charging in 30 minutes (80% performance)



TECHNICAL DATA

| | AccuPocket | | Active Charger 1000/120 |
|--|---|--|---------------------------|
| Nominal voltage of rechargeable battery | 52.8 V | Grid voltage | - 120 V AC, ±5% |
| Charging current during normal charging | 10 A | Grid frequency | 50/60 Hz |
| Charging current during rapid charging | 18 A | Mains current | max. 16 A eff. |
| Battery capacity | 396 Wh | Mains fuse | max. 20 A |
| Battery type | Lithium ion | Efficiency | max. 93.5% |
| Welding current range | | Effective power | max. 1100 W |
| Electrode DC | 10–140 A | Power consumption (standby) | max. 1.7 W |
| TIG DC | 3–150 A | Protection class | I (with ground conductor) |
| Welding current in hybrid mode | | Max. approved grid impedance at the interface (PCC) with the public grid | None |
| Manual metal arc welding at 40°C (104°F) | 18% DC, 140 A 25% DC, 100 A 100% DC, 40 A | EMC device class | A |
| Welding current in hybrid mode | | Marks of conformity | CE, CSA |
| TIG welding at 40°C (104°F) | 25% DC, 150 A 50% DC, 100 A 100% DC, 65 A | Output voltage | 30–58 V DC |
| Open circuit voltage | 90 V | Output current | Max. 18 A DC |
| Reduced open circuit voltage | 15 V | Output power | max. 1025 W |
| Degree of protection | IP 23 | Cooling | Convection and fan |
| Type of cooling | AF | Dimensions l/w/h | 270 x 168 x 100 mm |
| Marks of conformity | CE, S | Weight (without cable) | approx. 2 kg |
| Dimensions l/w/h | 435 x 160 x 310 mm | Degree of protection | IP43S |
| | | Overvoltage category | |
| | | Device is only permitted to be operated on grids that are grounded at the neutral point. | II |

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THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has more than 5,000 employees worldwide and 1,253 patents for product development showing the innovative spirit within the company. For Fronius, sustainable development means balancing environmentally relevant social factors equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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