

**THE MOST POWERFUL
BATTERY-POWERED
WELDER AVAILABLE**



**TACTICAL
WELDER™**
WELDING. UNPLUGGED.

Lithium battery-powered arc welding is here.

The Tactical Welder portable welding tool is powered by a 528Wh lithium ion battery pack. A state-of-the-art electronic Battery Management System (BMS) safely controls charging and discharging functions. The weld gun is a 300A industrial grade spool gun wire-feed welder.

Features & Benefits:

- + Completely battery-powered system – no long power cords, heavy cables or generators necessary.
- + State-of-the-art, electronic battery management system uses high capacity lithium ion batteries to provide consistent power and safely controls charging and discharging functions.
- + Ultimate portability – all components are designed to be stored/transported in the included backpack. The bag provides a holster for the spool gun and tools, allowing for one-hand welding operations.
- + The system includes a high current contactor for cold tip operation. Clamp the ground, pull the trigger and weld.

The Welder comes complete with:

- + Power system (Battery & BMS)
- + Spool gun
- + 7A charger
- + 300A ground clamp
- + 6-foot cables with high-current plug connectors for positive or negative ground welding.

Portable

The Tactical Welder can be used just about anywhere. Its compact size and weight means you can carry your welder to wherever you need it. You don't have to plug in, string cables, or fire up a generator because the Tactical Welder is self-powered with its own high-capacity lithium ion battery system. Just clamp the ground and start to weld. It's that simple.

Powerful

The Tactical Welder is capable of producing a weld that meets AWS D1.1 structural steel requirements based on face bend and root bend testing, using the included feed gun with 0.035 in. flux-cored wire and argon gas on a 3/8" steel plate.

Versatile

The Tactical Welder is capable of welding approximately a one pound spool of weld wire on a single charge. It is capable of performing high-quality MIG welds and flux-cored welds.



Part#	Description	Dimensions in (mm)	Power	Weight lbs (kg)
4800	Tactical Welder - Portable battery powered welding system	24 x 18 x 12 (610 x 457 x 305)	300A	35 (16.0)



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Patents: See www.ultratechpatents.com



Frequently Asked Questions

What kind of power does the Tactical Welder have?

It holds about ½ kW of energy and 300 amps. It is 26.4 Volts.

What kind of welding is the Tactical Welder capable of?

The Welder is capable of MIG and flux core welding using a wire feed gun.

What is the warranty on the Tactical Welder?

There is a one-year warranty on parts and labor. Please see the written warranty for full details.

How long can the Tactical Welder operate?

It can continuously weld for approximately 18 minutes. At a 30% duty cycle, the Welder can weld for approximately 54 minutes. The Welder's gun holds a 2 lb spool of wire. The Welder has shown to be able to weld 1 lb of 0.035 wire on a single charge. The actual amount of weld or wire used is dependent on a number of factors. Results may vary.

What comes with the Tactical Welder?

The Tactical Welder includes a Battery Management System (includes the batteries), a welding wire feed gun (variable speed), a 300A ground clamp, a 7A, 120/240 V battery recharger and a custom backpack.

What size wire does the Tactical Welder use?

The Welder can use wire from 0.030" to 0.052".

What thicknesses of steel or metal can be welded with the Tactical Welder?

From 1/8" to 1/2" (3.2 mm to 12.7 mm).

How long does it take to recharge the battery pack?

From full discharge, the battery pack takes approximately 2.5 hours to charge fully. From partial discharge, it takes approximately 1 to 1.3 hours.

How much does the Tactical Welder weigh?

The complete system (including the backpack) weight 27 lbs.

Is the Tactical Welder capable of welding aluminum?

Yes, but thinner aluminum could be burned through if the user is not adept at welding aluminum.

Can the unit TIG or stick weld?

The Tactical Welder cannot TIG or stick weld.

Optional Amperage Controller available for precision welding on a multitude of materials

The Amperage Controller offers variable current control, quick and easy set up, and connections and settings for multiple welding applications.

Specifications

- + Built-in screen
- + Anderson connectors 250V
- + 18-inch-long, 6 gauge power cables
- + Cooling fan
- + Aluminum case with heat-rated plastic end covers



Part#	Input Voltage Volts DC-	Maximum Current AMPS-	Operating Temperature	Size
4803	27V DC	300 amps	-20° F to 140° F (-29° C to 60° C)	10.5"L x 4.5"W x 2.5"H



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