

## PROBLEM

- Welder productivity is directly tied to mobility, especially when working punch down lists moving from location to location across the Carrier in maintenance availability.
- Welding sometimes requires sourcing power from locations that cross watertight doors increasing overall fire hazard risk.
- Some welding equipment while “deemed” portable isn’t necessarily designed for shipboard environments. Accidental damage can occur from impact in passageways or watertight doors.
- Welding equipment is typically bulky and create personnel safety risks especially when transiting ladders moving between decks.

## TECHNOLOGY SOLUTION

- Welding gun designed based on feedback from private sector shipyards.
- Built for durability and UN certified (DoT transport).
- ½ Kilowatt of L-ion Battery Power, patented Battery Management System (BMS) with integrated redundant safety features.
- MIG or Flux Core Welding, up to ½ inch steel. (up to 300A).
- 27lb backpack (Welding Gun, BMS, 6ft Cables, Power Charger)
- 0.030 to 0.052 wire, feed directly from a box or use the 2lb spool.
- Up to 54 minutes of weld time per charge (subject to conditions).
- Optional Amp Controller for precision/aluminum welding (fits in backpack)
- Meets AWS D1.1 structural steel requirements.
- 120/240V Recharger, 2.5 hours recharge (full recharge).
- 30% duty cycle, integrated gas connector for inert gas.
- Uses COTS consumables, available from any welding distributor.

## TACTICAL WELDER BENEFITS

- Increasing Welder mobility increases Welder efficiency (ROI).
- Reduces time spent on up or tear down, reduce daily equipment load of Welders with improved portability.
- When working punch down lists, a backpack welder can reduce the number of trips moving from location to location.
- Eliminate additional tag out requirements when power is required from spaces crossing watertight doors.
- Minimize welding equipment damage with a backpack solution, reduce risk to personnel moving between decks.
- For more information email [jmurphy@veterantechllc.com](mailto:jmurphy@veterantechllc.com).



**TACTICAL WELDER**  
MIG/FLUX CORE Welder  
1/2 Kilowatt Pwr / Up to 300A

**2020 Product Updates**  
Improved Gun (Up to 0.052 Wire)  
Improved Power Management  
Optional AMP Controller



**Product SKU# 1002-4800 \$3,799.00**

Tactical Welder Unit, Battery Power Management,  
Welding Gun and Tactical Welder Backpack

**Product SKU# 1002-4801 \$2,717.00**

Spare / Replacement Battery Management System



**1 Year Manufacturer Warranty**