Impulse Lithium

16V Series

Operation Manual

(16V 80Ah with Bluetooth)

BATTERY MUST BE REGISTERED

WITHIN 30 DAYS FOR WARRANTY COVERAGE

https://impulselithium.com/battery-registration/

Introduction

Item	Parameter	
Rated capacity	80Ah	
Rated voltage	16V	
Standard Charge voltage	18.2V	
Charging method	CC-CV	
Charge current	≤40A	
Cut-off voltage	12.5V	
Continuous discharge current	40A	
Max Discharge Current	80A	
Peak discharge current	80A	
Total weight	30lb	
Work temperature	Charge	32°F～140°F
	Discharge	-4°F～140°F
Storage environment	Temperature	50°F～113°F
	Humidity	≤ 75%RH
Battery dimension	L330 × W173 × H216mm L 12.9” x 6.8” x 85”	

Liability Limitations and Disclaimers

Thank You for choosing Impulse Lithium batteries, please read this User Manual carefully before using the battery.

We do not take the responsibility for losses or accidents resulting from improper use, or facts identified as the following:

1) Defects caused by improper assembly or disassembly; 2) defects occurring after purchase due to product modification, intentional damage, accident, misuse, abuse, negligence, or exposure to corrosive elements; 3) cosmetic damage and 4) labor or assembly costs.
2) Except as provided herein, Impulse Lithium LLC makes no express warranties, and any implied warranty, including without limitation any implied warranty of merchantability or fitness for a particular purpose, this warranty is limited in its duration to the duration of the written limited warranty set forth herein.
3) Except as provided herein, Impulse Lithium LLC. shall have no liability or responsibility to the purchaser or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused directly or indirectly by use of the product, including, but not limited to, any incidental or consequential damages.

THE WARRANTY CONTAINED HEREIN IS THE EXCLUSIVE WARRANTY MADE BY IMPULSE LITHIUM LLC AND THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY MADE WITH RESPECT TO SUCH BATTERIES. IMPULSE LITHIUM LLC IS NOT LIABLE FOR ANY INJURY OR MISHAPS SUSTAINED IN THE USE OF THIS PRODUCT. THE USER OF THIS PRODUCT ACKNOWLEDGES ASSUMED RISKS AND WAIVES ANY AND ALL CLAIMS AGAINST IMPULSE LITHIUM LLC AND ANY OF IT’S AGENTS.

SAFETY & PRECAUTIONS:

- All Impulse Lithium Batteries are Waterproof rated and constructed for harsh conditions, Fresh and Saltwater
- Do not reverse Positive and Negative Terminal Connections (Reverse Polarity), this could result in Short Circuiting/Damage
- Do not disassemble, crush, or puncture the battery.
- Do not intentionally heat a battery or dispose of a battery in fire or water.
- Do not expose a battery directly to temperatures above (140°F).
- Keep the battery away from children.
- Do not use a battery IF the temperature is (>130°F) , smells, has a deformation, or other abnormalities while discharging , charging, or during storage.
- Do not expose battery to flammable and explosive materials during charging or storage.
- Avoid exposing the battery to excessive shock or vibration.
- If a battery pack has leaking fluids, avoid touching the fluids. Dispose of a leaking battery pack.
- In case of eye contact with fluid, do not rub your eyes. Immediately flush eyes thoroughly with water for at least 15 minutes. Seek medical attention.
- Toxic Vapor: If you notice or smell a hazardous gas, take protective measures (such as covering the nose and mouth with a wet towel) to prevent inhalation of fumes. As smoke and other harmful gases may cause damage to the respiratory system, seek medical treatment in severe cases.
- Do NOT power on electronics or discharge the battery if battery has been dropped, punctured or there is visual evidence of damage.
- DO NOT operate electronics or batteries if poor wire connections and corroded terminals are present.
- Evidence of tampering with or disassembly the battery will void the Warranty in its entirety.

WARRANTY AND RETURNS

Lithium Batteries

- **WARRANTY IS NOT TRANSFERABLE**
- All Batteries MUST be registered within THIRTY (30) Days of the purchase date, batteries not registered within the 30 day period WILL NOT be eligible for warranty coverage. Registration is an acknowledgment of the review and acceptance of this User Manual
- All warranty claims MUST include a copy of the original purchase receipt.

If you are having issues with one of our batteries, don't worry, Impulse Lithium has developed a straightforward warranty & return policy as identified below:

- Email info@impulselithium.com for all warranty claims.
- Impulse Lithium offers a 10-year warranty** on all batteries. If for any reason you have problem with your battery, we will repair or replace the battery at no charge to the customer.
- WITHIN 30 DAYS– Returns of unopened items will receive full refunds less a 15% restocking fee plus all shipping charges to and from Impulse Lithium. Returns of opened/used batteries within 30 days will receive a full refund less a 20% restocking fee plus all shipping charges to and from Impulse Lithium. Impulse Lithium will NOT accept returns after 30 days. Cost of shipping items back to Impulse Lithium is the responsibility of the purchaser.
- Impulse Lithium's warranty does not cover negligence, misuse of the battery or abnormal wear and tear. If it is deemed that the battery was used improperly, customer will be subject to a $150 an hour repair/inspection charge plus parts and returned shipping.
- To submit a warranty claim, please contact Impulse Lithium, info@impulselithium.com. The battery may need to be shipped back to Impulse Lithium for additional inspection if we cannot identify the problem over the phone.
- Customer is responsible for the costs of shipping returns or warrantied components for inspections. Some battery shipments may require special documentation and packaging, which could incur additional fees. Strict shipping requirements are in place to comply with lithium battery shipping regulations. For return shipping we recommend using FedEx or UPS Ground Services.
- If you have any issues with Impulse Lithium Batteries please contact us for technical support, if Impulse Lithium determines the battery needs parts or additional diagnostics, we will ask the battery be returned. If within the warranty period, the battery will be repaired or replaced at no charge to the customer. Impulse Lithium is not responsible for return shipping.
- Any modifications to the batteries or damage due to negligence and/or abuse are not covered under this warranty.

** Impulse Lithium's Limited Warranty does not cover a Battery that has reached its normal end of life due to usage which may occur prior to the end of the full Warranty Period. If the battery is cycled more than once a day the battery could reach its "end of life" prior to the expiration of the warranty. During inspection Impulse Lithium reserves the right to deny a warranty claim if the battery is found to be at its normal, end of life, even if within the Warranty Period.

16v, 24v and 36v Lithium Batteries

- Excluding the Stealth 1 and Power Pole Charging System, the use of NON Impulse Lithium DC-DC Converter or “On the Run” type charging systems on 16v, 24v and 36v batteries will void the warranty in its entirety

Impulse Lithium Chargers

- Impulse Lithium’s Chargers are covered under a (1)One Year Warranty. If you are having any issues with one of our chargers we will replace the unit within one year from date of purchase.
- Returns – Unopened items will receive a refund less 15% restocking fee, if the Item is opened a 20% restocking fee will apply. Returns are not accepted after 30 days

Chargers, Marine Electronics and Misc Items

- Impulse Lithium offers a 14 day warranty on all aftermarket chargers, accessories and misc. items, after 14 days customers are to contact the OEM (Original Equipment Manufacturer) and their applicable warranties shall apply.
- Returns – Unopened items will receive a refund less 15% restocking fee, if the Item is opened a 20% restocking fee will apply.
- Returns are not accepted after 14 days

THIS LIMITED WARRANTY DOES NOT COVER ANY PROBLEM THAT IS CAUSED BY:

- Conditions, malfunctions, or damage not resulting from defects in material or workmanship.
- Damages from shipping.
- Damages caused by abuse/neglect
- Loose terminal bolts.
- Corroded hardware.
- Failure to improperly install the battery.
- Tampering or removal of manufacturer codes.
- Properly charging and maintaining the battery.
- Breakage from collision/dropping/impact.
- Improper storage, which includes damage from water submersion, extreme heat, or freezing temperatures.
- All bolts must be tightened adequately to avoid overheating caused by a loose connection. (Tighten enough to compress Lock Washer)
- Use (LiFePO4) Lithium chargers only or approved Lithium Compatible Chargers.