

WWW.TRACERPOWER.COM

WARNING

- **DO NOT** dispose of in normal household refuse
- **DO NOT** attempt to dismantle the battery pack in any way
- **DO NOT** short circuit your battery pack – it could overheat and cause fire or explosion
- **ONLY** use the charger supplied with the battery pack
- The 12V light must have a normal length coiled or straight lead. If the lead is shortened then the battery pack may shut down as the light will be detected as a short circuit
- Your battery pack will need to be charged fully before use. If storing your battery pack, store in a charged state. Recharge every 6 months
- It is recommended to recharge the battery pack within 12 hours if fully discharged
- Excess heat will degrade the battery pack rapidly. Always store your battery pack in a cool dry place. **DO NOT** leave for long periods in the sun or in a hot vehicle
- Your battery pack is splash proof but not water proof – do not immerse in water
- **TRANSPORTATION** - Only battery packs below 100Wh may be taken on passenger planes, consult the material safety data information on the Tracer Power website prior to travel or transportation of batteries

WARRANTY

Your new battery has a 12 month warranty (from the date of purchase) against premature failure due to defects in materials and/or workmanship, subject to the following conditions:

- The warranty does not cover failure due to damage caused by abuse*
- The warranty does not cover failure from excessive wear and tear even within the warranty period
- A till or computer generated proof of purchase must accompany your claim
- The warranty is limited to the original owner and is not transferable
- Should any original defect appear, please log your warranty claim with your retailer or at www.tracerpower.com

The warranty is void if:

- The serial number is removed from the product
- The battery or connection system has been modified in any way
- The battery has been left in a discharged state

This warranty is limited to the original purchaser and is in addition to your statutory rights

*Charge your battery directly after each use. Leaving your battery in a discharged state will seriously and permanently damage its performance. Please note we cannot uphold warranty claims in these circumstances

TRACER®
Lithium Polymer
Battery Packs



OVERVIEW

Congratulations on purchasing the latest in portable battery pack technology from TRACER POWER. Please take a moment to read carefully the following instructions to get the best performance from your Lithium polymer battery pack.

FEATURES

- Lightweight - Up to 80% lighter than an SLA battery
- Flat discharge curve - Light stays brighter for longer
- Fuel gauge - Displays battery power status
- No memory effect - Such as you get with Ni-Cad batteries
- Protected against:
OVERCHARGE
OVER TEMPERATURE
OVER CURRENT
DEEP DISCHARGE
SHORT CIRCUIT
- Supplied with:
AC mains charger, DC vehicle charger,
cigar plug output connector, protective pouch
and adaptor lead for 12V lights
- Additional adapter leads available on request

RECHARGING

WARNING: REMOVE BATTERY PACK FROM CANVAS POUCH BEFORE RECHARGING

AC MAINS CHARGER

1. Plug the charger into AC mains - the LED light will glow GREEN
2. Plug the charger lead firmly into the battery pack - the LED light will change to RED to indicate charging
3. When the LED light changes back to GREEN then the battery pack is fully charged
4. Disconnect the charger from the battery pack and from the AC mains
5. **DO NOT** leave the charger connected to the battery for long periods after the battery is charged

DC VEHICLE CHARGER

1. Plug the cigar charger into the vehicle 12V socket - the GREEN LED should illuminate
2. Plug the charger lead into the charge socket on the battery pack - the RED LED will illuminate when the battery is charging
3. The RED LED will change to GREEN when the battery is fully charged
4. Disconnect the charger from the battery pack and from the vehicle 12V socket
5. It is recommended that the engine of the vehicle is running if a more rapid charge is needed

FUEL GAUGE OPERATION

IMPORTANT: The battery fuel gauge must be operated AT LEAST 2 minutes after the load (such as a lamp) has been switched off. The battery will recover slightly and ONLY then will the fuel gauge give an accurate battery state indication. After 2 minutes of no load - press and hold the Fuel Gauge push button.

75-100% capacity	3 green & 2 red
50-75% capacity	2 green & 2 red
20-50% capacity	1 green & 2 red
10-20% capacity	2 red*
Less than 10%	1 red**
Empty	No lights***

*Recharge as soon as possible

**Battery is about to electronically switch off to prevent over discharge

***Recharge within 12 hours



SPECIFICATION

Battery Pack	Capacity	Dimensions (mm)	Weight (g)	Charging Time 1.65A Charger	Performance 50W Bulb	Performance 75W Bulb	Performance 100W Bulb
BP2548	22Ah	161x115 x56	1250	14-20h	4h 20m	3h 15m	2h 10m
BP2546	14Ah	161x115 x56	950	10-16h	3h	2h 15m	1h 30m
BP2545	10Ah	170x95 x52	735	9-14h	2h 30m	1h 50m	1h 10m
BP2544	8Ah	153x80 x38	600	8-12h	1h 40m	1h 15m	45m
BP2541	4Ah	115x76 x32	360	4-6h	45m	N/A	N/A