

**OVERVIEW DATA SHEET**  
**TRACER<sup>®</sup> LITHIUM POLYMER (LiPo) BATTERY PACKS**

**KEY FEATURES**

- Extremely lightweight (1/4 weight of Sealed Lead Acid)
- Small physical size
- Built in fuel gauge
- Flat discharge curve – high power for longer
- Overcharge and short circuit protected
- Robust ABS case
- Faster recharge time



**SPECIFICATION**

Code	Model	Size (mm)			Weight	Runtime			Charge Time		Discharge Current	
		A	B	C		100W	75W	50W	1.65A	3A	Cont.	Peak (10ms)
BP2541	12V 4Ah	76	115	32	360g	N/A	N/A	45mins	2-3 hrs	N/A	4A	20A
BP2544	12V 8Ah	80	152	38	600g	45mins	1hr 15mins	1hr 40mins	8-12 hrs	4-6 hrs	8A	30A
BP2545	12V 10Ah	80	152	48	735g	1hr 10mins	1hr 50mins	2hrs 30mins	9-14 hrs	4-7 hrs	10A	30A
BP2546	12V 14Ah	115	161	56	950g	1hr 30mins	2hrs 15mins	3hrs	10-16 hrs	5-8 hrs	10A	30A
BP2548	12V 22Ah	115	161	56	1250g	2hrs 10mins	3hrs 15mins	4hrs 20mins	14-20 hrs	7-10 hrs	10A	30A

- Charging Voltage: 12.6V
- Discharge Cut-off Voltage: 8.25V
- Temperature Range (charging): 0°C ~ 45°C
- Temperature Range (discharging): -10°C ~ 60°C
- Cycle life: > 300 cycles
- Self Discharge: < 0.5% per day

**SAFETY FEATURES**

Integrated Electronic 'Battery Management System' (BMS) provides the following protection:

- Overcharge & over-discharge protection
- Thermal protection
- Over current protection
- Short circuit protection

**WHAT'S IN THE BOX**

- Neoprene carry case
- TR8132 – Bullet right angle to 12V Socket
- TR8136 – 1.65AAC mains charger (UK, US, EU, AUS adaptor)
- TR8137 – DC Vehicle Charger

