

TR8206-12V 10A LiFePO₄ BATTERY PACK FAST SMART CHARGER

Tracer

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General

This mains charger is only for use with Tracer 24V Lithium Iron Phosphate (LiFePO₄) Battery Packs. Do not use this charger for any other purpose. It has been designed to be used with LiFePO₄ batteries only.

Features

- Overcharge protection
- Short-circuit protection
- Reverse-polarity protection
- Fixed EU lead with plug adapters
- AC INPUT: 190-264V AC 47-63Hz
- OUTPUT: 14.6V 10A

Recharging the battery

- Connect the charger to the mains and switch on - LED 1 will glow yellow
- Connect the charger to the Tracer LiFePO₄ battery
- LED 1 will glow orange to indicate Boost Charge
- LED 1 will flash yellow to indicate Top-up Charge
- LED 1 will glow green when the battery is fully charged / Standby mode
- Once fully charged, disconnect the charger from the mains and then from the battery

Note

- **Do not cover the charger whilst charging.**
- **Only charge indoors with good ventilation.**
- **Do not disassemble the charger for any reason.**

Recharge times

12VTracer Battery/Power Packs

7Ah	Not Suitable
16Ah	04-06 hrs
24Ah	06-08 hrs

12VTracer Module/Carry Case Kits

40Ah	05-07 hrs
80Ah	12-15 hrs
100Ah	14-18 hrs
170Ah	22-30 hrs



Common malfunctions and solutions

Fault	Cause	Solution
Charger LED stays yellow once battery is connected.	Reverse connection to battery – protection fuse has blown	Replace fuse (7.5 Amp blade fuse) then connect charger to battery correctly
Battery not charged fully but LED2 flashes between Red and Green	Battery is disconnected from the charger	Reconnect the battery to the charger
	Charger overheating and is in thermal protection mode	Place charger in a cooler environment. Charger will resume working automatically when cooler
After connecting charger to AC mains, charger does not work and one or both LEDs ndo	Mains plug loose or not switched on	Check mains lead and power
	Charger damaged or faulty	Return to Tracer power for investigation

Guarantee

The charger is guaranteed against manufacturing defect for 12 months from the date of purchase. The warranty covers premature failure due to defects in materials and/or workmanship. Any breakage caused by accidental damage or as a result of abuse or misuse is not covered. The warranty is limited to the original purchaser and is not transferable. Should the charger fail under warranty, DO NOT attempt to dismantle. Contact support@tracerpower.com

