

Mains Powered Battery Charger Data Sheet

The Mains Powered Battery Charger charges IPC lithium polymer batteries. It is ideal for charging replacement IPC batteries without using the IPC's solar charging. The charger plugs directly into an AC wall socket and is supplied with all connection cables.

Key Features

- Up to six IPC batteries can be charged at the same time Note 1
- Large LCD screen shows battery voltage and charge current
- LED indication of charging status and charge complete
- Simple two button set up
- IPC battery interface cables provided



Item	Parameter	Specification
Battery Charger	Dimensions	125 x 78 x 42mm
	Weight	200g
	Input voltage	100 – 240V AC
	Charge Power	4.35W x 6
	IPC Interface Cables	Qty 6 x 110mm cables provided
	Protection	Over voltage, over current and reverse polarity
Part Number	Q12102-BC-AC	

Charging IPC Batteries:

1. Read the manufacturer's instruction manual supplied with each battery charger
2. Connect the battery charger to an AC mains socket with the supplied cable
3. Connect the interface cables to the battery charger ports labelled "mCPX"
4. Connect the IPC batteries to the interface cables

Do not connect IPC batteries directly to the charger

5. Battery charging starts automatically and the channel LED flashes red
6. The LCD screen shows battery voltage, current and capacity
7. Charging is complete when the channel LED is green
8. Carefully disconnect the IPC battery from the interface cable

Battery Charger Settings:

Battery Type LiPo - All ports set to lithium polymer Charge
Current 1A - Per battery

Note 1 - The quantity of batteries being charged may effect the charge time

Mains Charger Port mCPX



Interface Cable



The Portable Battery Charger charges up to six IPC lithium polymer batteries simultaneously. Each charger is supplied with a heavy duty bench top power supply and connection cables. It is ideal for charging replacement IPC batteries without using the IPC's solar charging.

Key Features

- Up to six IPC batteries can be charged at the same time Note 1
- LED display shows status and voltage of each channel
- Simple single button set up
- Heavy duty 3 Amp and 5 Amp power supply kits available
- IPC battery interface cables provided



Item	Parameter	Specification
Battery Charger	Dimensions	100 x 50 x 22mm
	Weight	70g
	DC Input voltage	9 – 15V DC, 12V DC nominal, 2.5mm DC jack cable
	Charge Power	Provided 4.35W x 6
	IPC Interface Cables	Qty 6 x 110mm cables provided
Part Numbers	Q12102-BC-AC	Suitable for frequently charging up to six IPC batteries
	5 AMP kit: Q12102-BC-5A	Suitable for frequently charging up to six IPC batteries

Charging IPC Batteries:

1. Read the manufacturer's instruction manual supplied with each battery charger
2. Connect the battery charger "DC Input" to the power supply with the supplied cable
3. Connect the interface cables to the battery charger ports labelled "mCPX"
4. Connect the IPC batteries to the interface cables

Do not connect IPC batteries directly to the charger

5. Battery charging starts automatically and the channel LED flashes red
6. The LED display shows each battery voltage and charge status
7. Charging is complete when the channel LED is green
8. Carefully disconnect the IPC battery from the interface cable

Battery Charger Settings:

Battery Type A-P - All ports set to lithium polymer Charge
Current 1A - Per battery

Note 1 - The DC power supply capacity effects battery charge time. For frequent charging of six IPC batteries the 5A PSU kit is recommended.

Portable Charger Port mCPX



Interface Cable

