

CHARGERS

FIELD CHARGER KIT



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The Field Charger Kit is a single bay battery charger, designed to charge military standard BB-2590 style batteries from AC mains and DC power sources that can be found in various field use scenarios.

LIGHTWEIGHT AND PORTABLE

The Field Charger Kit is very compact and weighs just 860 grams with all accessories, contained in a single malleable black satchel. The Field Charger Kit is supplied, with either an AC Mains cable for the AC/DC transformer, included as standard, for AU, EU, UK or US, depending on variant ordered. A DC power supply and connecting cable must be provided separately if being powered directly via the DC input on the charger.

WIDE RANGE POWER SOURCES

The field charger kit contains the main battery charge head module which can be powered from a variety of sources for maximum flexibility in field use scenarios. Included in the kit is a 12V DC cigarette lighter style adaptor and an AC Mains to DC power adaptor (with built in USBA charge port) which can be used to power the main charge head module. Additionally, a separately orderable, 60W foldable solar panel can be used to directly power the main charge head module.

ENVIRONMENT READY

Constructed from tough ABS plastic, the Field Charger Kit can be stored and operated over a large temperature range. The main charge module is fully sealed and when combined with the solar panel provides a ruggedised solution for tactical deployment scenarios.

KEY FEATURES

- Designed for in the field compatibility – AC, DC cigarette lighter and solar panel inputs
- Lightweight and portable – complete kit weighing less than 900 grams
- Compatible with MOTS battery types
- Includes kit stowage satchel
- Compatible with Codan 60W foldable solar panel

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SPECIFICATIONS

GENERAL

Input voltage range	AC Mains Transformer: 100 to 240 V AC Main Charger Module: 10 to 16 V DC
Input current	AC Mains Transformer: 3 A AC max draw Main Charger Module: 10 A DC Max draw
Charge times	Approximately 5.5 hours: BB-2590, Li-Ion, 17.4Ah (CPN 65-72013) Approximately 6.3 hours: BB-2590 Li-Ion, 20Ah (CPN 65-72014)
Supported battery types	BB-2590U / BB-390B/U / BB-2557U batteries

ENVIRONMENTAL

Operating temperature	-20°C to +50°C (-4°F to +122°F) (Subject to connected battery operating temperature range)
Storage temperature	-40°C to +70°C (-40°F to 158°F)

MECHANICAL

Weight	0.86 kg (1.9 lb) Full kit, including satchel
Dimensions	Main Charger Module: L: 66 mm x W: 53 mm H: x 38 mm (L: 2.6 in x W: 2.1 in x H: 1.5 in) AC Power Supply: L: 130 mm x W: 56 mm x H: 30 mm (L: 5.1 in x W: 2.2 in x H: 1.2 in) 12 V DC Power Supply: L: 160 mm x W: 53 mm x H: 20 mm (L: 6.3 in x W: 2.1 in x H: 0.8 in)

Values noted are typical. Equipment descriptions and specifications subject to change without notice or obligation.

ACCESSORIES

The Field Charger Kit is designed to charge 6110-MP manpack radio batteries from AC, DC power sources, including solar panels. The following solar panel and cable and batteries are available for use with the Field Charger Kit.

- 15-00537-001 Power Supply, Solar Panel, Camo
- 15-00537-002 Power Supply, Solar Panel, Black
- 67-90208 Cable, Interface, Solar Panel 2.4m (required to connect solar panel to charger input)
- 65-72013 Batt, Li-Ion, 17,4Ah, Recharge, BB-2590
- 65-72014 Batt, Li-Ion, 20Ah, Recharge, BB-2590