

## Patrol 2110M MANPACK CHARGERS

### ➤ FEATURES AT A GLANCE

- Variety of battery charger types to meet all mission requirements
- Easy to use in the field
- Intelligent battery management system

The CODAN™ 2110M Transceiver features an intelligent battery management system that continuously displays the battery condition and charging state, giving you the confidence you need for reliable communications in critical operations. A range of chargers are available to tailor the 2110M Manpack Transceiver to your mission requirements.

### BATTERY CHARGER TYPES

Codan offers a complete range of battery chargers ideal for use in the field:

- Fast AC battery charger
- Low noise DC battery charger
- Hand-crank battery charger
- Solar battery charger

These battery chargers can be used with all battery types.

The chargers have LED indicators to show that input power is available and the status of the current charging progress. Their wide input voltage range allows for a range of supply sources.

### FAST AC BATTERY CHARGER

Codan's 3523 Fast AC Battery Charger charges the battery directly and 3x faster than the low noise 3522 DC Battery Charger. It does not support charging via the front panel.

The 3523 is recommended when using the Manpack with multiple battery packs so the transceiver can be powered via one battery pack while the other is recharged.



### LOW NOISE DC BATTERY CHARGER

The low noise 3522 DC Battery Charger enables charging of batteries close to the radio without causing interference during normal transceiver operation.

With the use of detachable leads, the operator has the option of charging the battery via the transceiver's front panel or by direct connection to the battery. The front panel connection enables charging while operating the transceiver.

# 2110M MANPACK CHARGERS

## SOLAR BATTERY CHARGER

A rugged, foldable 25 W solar battery charger that uses solid state, thin film solar technology to meet your mobile power needs. It charges the battery by direct connection to the battery or via the transceiver's front panel.

The charger is lightweight, weatherproof, UV resistant, and durable with a tough rip-stop nylon backing.



## HAND-CRANK BATTERY CHARGER

A portable hand-crank battery charger that is compact, lightweight, and encased in a robust and waterproof aluminium housing. It charges the battery by direct connection to the battery or via the transceiver's front panel.

The charger comes with easy to use accessories, including a foot stand and tree clamps, for simple operation in the field – all stored in a convenient canvas carrying case.



## SPECIFICATIONS

	3522/3523 BATTERY CHARGERS		SOLAR BATTERY CHARGER	HAND-POWERED BATTERY CHARGER
<b>Voltage</b>	<b>Input</b>	3522 12 to 60 V DC 3523 90 to 264 V AC 50/60 Hz		
	<b>Output</b>	15.5 DC	25 W	13.8 to 16.2 V DC
<b>Current</b>	3522 1 A DC maximum 3523 3 A DC maximum		1.5 A	1.15 to 1.35 A
<b>Operating temperature range</b>	0 to +40°C		-40 to +80°C	-25 to +55°C per MIL-STD-810E
<b>Storage temperature range</b>	-30 to +40°C			-45 to +55°C per MIL-STD-810E
<b>Connector</b>	3522 Detachable input and output leads for charging via 2110M front panel connector or battery connector Detachable input lead		Output lead with inline voltage limiter and detachable leads for charging via 2110M front panel connector or battery connector	Detachable output leads for charging via 2110M front panel connector or battery connector
	3523 Detachable input and output leads to charger and battery			
<b>Dimensions</b>	102 mm W x 250 mm D x 45 mm H (with connectors)		Folded: 210 mm W x 279 mm D x 18 mm H Deployed: 546 mm W x 1048 mm D x 2.54 mm H	140 mm W x 90 mm D x 215 mm H
<b>Weight</b>	3522 0.5 kg 3523 0.5 kg		0.82 kg	2.7 kg
<b>Material</b>	ABS plastic		Nylon	Aluminium
<b>Colour</b>	Black		Black, camo	NATO green mat
<b>Approvals</b>	CE, C-tick, N Mark			
<b>Environment</b>	IP68			MIL-STD-810E

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## CODAN RADIO COMMUNICATIONS

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