

# Dolphin® 7900 Series QuadCharger™



## Features

*Charges up to four batteries in four hours*

*Intelligent battery charging technology prevents over- and under charging*

*Battery Analyzer that analyzes Lithium Ion (Li-ion) batteries and provides a readout of their remaining capacity for enhanced battery maintenance*

*Status LEDs indicate the charging status*

*Rugged, compact design for desktop or wall-mounting*

The Dolphin QuadCharger is a four-slot battery charger for Dolphin 7900 Series batteries. When placed in the QuadCharger, Lithium ion (Li-ion) batteries charge to full capacity in four hours.

Each charging slot works independently to control the charging of individual battery packs. The QuadCharger provides extremely accurate current and voltage regulation, temperature monitoring, and charge termination to optimize lithium ion battery performance in Dolphin terminals.

To assist you with battery maintenance, the QuadCharger comes equipped with an additional Battery Analyzer that resets and re-calibrates Li-ion batteries, then displays their remaining capacity at the end of each cycle.

The QuadCharger weighs 18 ounces (510 grams) without batteries and contains a DIN rail along the bottom panel to enable desk/bench or wall mounting. Its rugged design operates in harsh environments.

Status LEDs indicate charging progress in each slot and notify the user when charging is complete or when an error has occurred.

To learn how the Dolphin QuadCharger can work for you, contact us at any of the locations listed on the back or visit us at [www.handheld.com](http://www.handheld.com).

# Dolphin 7900 Series QuadCharger Specifications

## Structural

<b>Dimensions:</b>	11.7 in. long X 5.2 in. wide X 1.5 in. high (29.7 X 13.2 X 3.8 cm.)
<b>Weight:</b>	18 oz. (510g)
<b>Material:</b>	Case: Polycarbonate ABS blend Color: Blue/Gray
<b>Mounting:</b>	Use DIN rail slide to mount to a desktop or wall
<b>Capacity:</b>	Supports 1 to 4 batteries

## Environmental

<b>Operating Temperature:</b>	14° to 122°F (-10° to 50°C)
<b>Storage Temperature:</b>	-4° to 158°F (-20° to 70°C)
<b>Charge:</b>	32° to 113°F (0° to 45°C)
<b>Electrical Static Discharge:</b>	8 KVA immunity on all surfaces
<b>Humidity:</b>	90% relative humidity (non-condensing)

## Power Supply

<b>Input (Universal):</b>	90-265V, 47-63Hz
<b>Output:</b>	12 Volts DC, 3 A
<b>Input Connection:</b>	2 Position IEC 320-C8

## Charging

<b>Standard Charge:</b>	Completes 100% charge in four hours
<b>Power LED</b>	<b>Green</b> Indicates that the charger is powered and properly initialized
<b>Battery Status LED</b>	<b>Orange</b> Indicates battery pack is being charged <b>Red</b> Indicates faulty battery <b>Green</b> Indicates battery charged and ready for use

## Battery Analyzer

<b>Charge/Analyze Slot</b>	The fourth slot runs Li-ion batteries through an analyze cycle that resets and re-calibrates their gas gauge
<b>Analyze Cycle:</b>	Completely discharges then recharges the battery in 14 hours
<b>LED Bank:</b>	Shows battery capacity readout at the end of the analyze cycle
<b>Battery Status LED (during the Analyze Cycle):</b>	<b>Green</b> Indicates that the battery has completed the analyze cycle <b>Flashing Orange</b> Indicates that the battery is being analyzed <b>Red</b> Indicates that an error occurred during the analyze cycle

## Agency Approvals

<b>Power Supply:</b>	UL listed (UL 1950), TUV licensed (EN60 950STD) Power Supply compliant to FCC part 15 Class B
<b>Charging:</b>	CE Marking (EMC); CISPR Pub 22, FCC Part 15 Class B
<b>Fire Retardant:</b>	UL 94-VO

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Switzerland • OPAL Associates AG • Motorenstrasse 116 • CH-8620 Wetzikon • Telefon +41 (0)44 931 12 22 • Telefax +41 (0)44 931 12 20 • Email [info@opal-holding.com](mailto:info@opal-holding.com) • URL <http://www.opal.ch/> • OPAL Associates SA • Avenue des Boveresses 54 • Case postale 29 • CH 1000 Lausanne 21 • Telefon +41 (0)21 653 95 00 • Telefax +41 (0)21 653 95 02 • Email [info@opal-holding.com](mailto:info@opal-holding.com) • URL <http://www.opalsa.ch/> • Germany • OPAL Associates GmbH • Lohnerhofstrasse 2 • D-78467 Konstanz Telefon • +49 (0)7531 813 000 • Telefax +49 (0)7531 813 00 99 • Email [info@opal-holding.com](mailto:info@opal-holding.com) • URL <http://www.opalgmbh.de/> • OPAL Associates GmbH • Osterholder Allee 2 • 25421 Pinneberg • Telefon +49 (0)4101 787 615 • Telefax +49(0)4101 787 616 • Email [info@opal-holding.com](mailto:info@opal-holding.com) • OPAL Associates GmbH • München • Telefon +49 (0)89 12737 556 • Telefax +49 (0)89 12737 557 • Email [info@opal-holding.com](mailto:info@opal-holding.com) • OPAL Associates GmbH • Frankfurt • Telefon +49 (0)69 8236 6501 • Telefax +49 (0)69 8236 7709 • Email [info@opal-holding.com](mailto:info@opal-holding.com) • OPAL Solutions GmbH • Wilhelmstr. 22 • 52428 Jülich • Telefon +49 (0)2461 936 770 • Telefax +49(0)2461 936 771 • Email [info@opal-holding.com](mailto:info@opal-holding.com) • URL <http://www.opal-solutions.de/> • Austria • OPAL Associates GesmbH • Vorarlberger Wirtschaftspark • A-6840 Götzis • Telefon +43 (0) 5523 58833 • Telefax +43 (0)5523 521569 • Email [info@opal-holding.com](mailto:info@opal-holding.com) • URL <http://www.opalgmbh.at/> • OPAL Associates GesmbH • Donaufelderstr. 101/2/8 • 1210 Wien • Telefon +43 (0)1 270 03 13 • Telefax +43(0)1 270 03 15 • Email [info@opalgmbh.at](mailto:info@opalgmbh.at)

