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**.

Dolphin 7900 Series QuadCharger Specifications

Structural

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

Environmental

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

Power Supply

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

Charging

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

Battery Analyzer

Charge/Analyze Slot	The fourth slot runs Li-ion batteries through an analyze cycle that resets and re-calibrates their gas gauge
Analyze Cycle:	Completely discharges then recharges the battery in 14 hours
LED Bank:	Shows battery capacity readout at the end of the analyze cycle

Battery Status LED (during the Analyze Cycle):

Green	Indicates that the battery has completed the analyze cycle
Flashing Orange	Indicates that the battery is being analyzed
Red	Indicates that an error occurred during the analyze cycle

Agency Approvals

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

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