

Dolphin® 9500/9550 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 9500/9550 QuadCharger is a four-slot battery charger for the Dolphin 9500/9550 line of mobile computers. It can charge lithium ion (Li-ion) batteries 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. It analyzes Li-ion batteries and displays their remaining capacity with special indicator LEDs 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 9500/9550 QuadCharger can work for you, contact us at any of the locations listed on the back or visit us at www.hhp.com.

Dolphin 9500/9550 QuadCharger Specifications

Structural

Dimensions:	11.7 in. L x 5.2 in. W x 1.5 in. H (29.7 cm L x 13.2 cm W x 3.8 cm H)
Weight:	18 oz. (510g)
Material:	PC/ABS
Color:	Blue/Gray
Mount:	Desktop/bench or wall
Batteries Held:	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)
ESD:	8KV
Humidity:	90% relative humidity (non-condensing)

Power Supply

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

Charging Modes

Standard Charge:	Completes 100% charge in 4 hours
Analysis:	Completely charges and discharges battery in 14 hours. Resets and calibrates battery data to ensure terminal battery status is accurate

LEDs

Power LED	Indicates power to charger and charger 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, indicating their capacity at the end of the cycle.
LED Bank	Shows battery capacity readout at the end of the analyze cycle.
Battery Status LED	
Solid Green	Indicates that the battery has completed the analyze cycle.
Flashing Orange	Indicates that the battery is being analyzed.
Solid Red	Indicates 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
Charger:	CE Marking (EMC); CISPR Pub 22, FCC Part 15 Class B

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Worldwide Offices

Offices Serving North America
Skaneateles Falls, NY
Tel: +1 315 685 8945
or, in North America: +1 800 582 4263
sales@hhp.com
Charlotte, NC
Tel: +1 704 998 3998
or, in North America: +1 800 582 4263
sales@hhp.com

Offices Serving Europe, Middle East, and Africa
Europe
Tel: +31 (0) 40 29 01 600
euro_sales@hhp.com
United Kingdom
Tel: +44 (0) 1 925 240055
euro_sales@hhp.com
Italy
Tel: +39 (0) 2 67 100752
euro_sales@hhp.com

France
Tel: +33 (0) 1 41 158220
euro_sales@hhp.com
Germany
Tel: +49 (0) 7 477 151377
euro_sales@hhp.com
Spain
Tel: +34 93 228 78 68
euro_sales@hhp.com

Offices Serving Asia and the Pacific Rim
Hong Kong
Tel: +852 2511 3050
asia_sales@hhp.com
Japan
Tel: +813 5842 6325
asia_sales@hhp.com

Offices Serving Latin America
Naples, Florida
Tel: +1 239 263 7600
la-sales@hhp.com
São Paulo
Tel: +55 11 5016 3454
la-sales@hhp.com
Rio De Janeiro
Tel: +55 21 2494 7060
la-sales@hhp.com

Web Site Address www.hhp.com

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