

## *Dolphin® 7400 Quad Battery Charger*



### ***Features***

*Charge up to 4 Batteries in 2.5 Hours*

*Intelligent Battery Charging*

*Conditions and Calibrates*

*Rugged, Compact Design for Desktop or Wall-Mount*

*Status Lights Show Charging Progress*

The Dolphin 7400 Quad Battery Charger is a battery charger for the Dolphin 7400 line of mobile computers. It completes a 100 percent charge for four NiMH (Nickel Metal Hydride) Dolphin 7400 mobile computer batteries in 2.5 hours.

Charging slots work independently to control charging and discharging of individual battery packs. The Quad Battery Charger is compatible with all models in the Dolphin 7400 family of mobile computers.

The Quad Battery Charger senses when battery packs are fully charged and automatically switches to trickle charge to maintain batteries at full capacity indefinitely. It also resets and calibrates battery pack data to accurately show battery status on the Dolphin display.

The Dolphin 7400 Quad Battery Charger weighs 1.4 pounds (652 gms) without batteries. It is designed to operate in the varied conditions of most industrial environments.

Charger status lights indicate when power is "on" and when the "condition and calibrate mode" is selected. Individual battery status lights signal faulty batteries and lets users know when batteries are charged and ready to use.

# Dolphin 7400 Quad Battery Charger Specifications

## Structural

<b>Dimensions:</b>	11.65 in. x 5.12 in. x 1.75 in. (30 cm. x 13 cm. x 4 cm.)
<b>Weight:</b>	1.4 lbs. (652 g)
<b>Material:</b>	ABS-FR-UL plastic
<b>Color:</b>	Black
<b>Mount:</b>	Desktop or wall
<b>Batteries Held:</b>	Supports 1 to 4 batteries

## Environmental

<b>Temperature</b>	
<b>Operating:</b>	14° to 122°F (-10° to 50°C)
<b>Storage:</b>	-4° to 158°F (-20° to 70°C)
<b>Charge (Auto Detect and Shut Off):</b>	32° to 113°F (0° to 45°C)
<b>ESD:</b>	8KV
<b>Humidity:</b>	90% relative humidity (non-condensing)

## Power Supply

<b>Input (Universal):</b>	90-265V, 47-63Hz
<b>Output:</b>	10VDC, 5A
<b>Input Connection:</b>	3 Position Male IEC 320

## Charging Modes

<b>Standard Charge:</b>	Completes 100% charge in 2.5 hours. Automatically switches to trickle charge to maintain the battery at full capacity indefinitely
<b>Condition and Calibrate:</b>	Completely charges and discharges batteries in 8 hours. Resets and calibrates battery data to ensure terminal battery status is accurate

## LEDs

### Charger Status

<b>Power LED:</b>	Solid indicates power to charger and charger properly initialized
<b>Conditioning/Charging LED:</b>	Flashing indicates charger is in Conditioning and Calibrate mode

### Battery Status

<b>Orange Conditioning/Charging LED:</b>	Solid indicates battery pack is being charged Flashing indicates battery is being conditioned
<b>Red Error LED:</b>	Indicates faulty battery
<b>Green Ready LED:</b>	Indicates battery charged and ready for use

## Agency Approvals

<b>Power Supply:</b>	UL listed (UL 1950), CSA Certified (CSA 22.2, CUL 950), TUV licensed (EN60 950STD) Power Supply compliant to FCC part 15 Class B; VCCI Level 2
<b>Charger:</b>	CE Marking (EMC); CISPR Pub 22, FCC Part 15 Class B

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