

ENDURA™

Rapid Chargers

For Two-Way Radio Batteries NiCd • NiMH • Li-Ion • LiPo

The Endura TWC1, TWC1M, and TWC6M are high quality models you can count on to properly charge your radio's battery every time. Endura chargers are smart because they prevent over-charging, while providing automatic re-charging when a radio remains powered-on. They're adaptable because the charger base can be updated for use with other radios simply by replacing the charging pod. And Endura chargers are reliable as shown by their strong acceptance and popularity with communication professionals.



Model TWC1: The TWC1 single unit charger is ideal for desktop use. It includes an AC to DC power supply (UL listed), charging pod, and user manual.

Model TWC1M: Designed specifically for in-vehicle use, the TWC1M operates from a 12V or 24V outlet. The charger comes complete with metal mounting bracket, vehicle power adapter, adjustable tie-down strap, charging pod, and user manual. A hard wire kit is an available option.

Model TWC6M: With its compact footprint, the TWC6M is well suited for use in an office, shop, or mobile command center. It includes six charging pods that can be configured for a specific radio or six different radios. The TWC6M features an AC to DC external power supply (UL listed) and accessories for in-vehicle installation are also available.



Authorized Distributor:

TANDEM

888.315.5260
ENDURA Chargers By Multiplier
Smart • Adaptable • Reliable™

Charging Pods For Endura Rapid Chargers



Charging pods are available for hundreds of different radios, including models from Motorola, Kenwood, Harris, Icom, Vertex Standard, Hytera, Relm and other popular brands. All pods are designed to charge batteries with or without the radio and are interchangeable with TWC1, TWC1M, or TWC6M. For a complete listing of available pods, contact Tandem or an authorized Tandem dealer or visit www.tandemdistribution.com.

Endura TWC1M Accessories

An optional mounting bracket for TWC1M is the TWC1M-MBH. This bracket is designed for securing the charger to a horizontal surface. A hardwire kit (TWC6M-HW) and heavy duty vehicle power adapter (TWC6M-VPA) are also available for the TWC1M. These items are shown below.



Part Number: **TWC1M-MBH**



Endura TWC6M Accessories

A sturdy metal mounting bracket, hard wire kit, and vehicle power adapter are optional accessories for the TWC6M. The mounting bracket allows the charger to be wall mounted in an office or vehicle and includes tie-down straps, fasteners, and installation instructions. With the heavy duty vehicle power adapter, the TWC6M may be powered from a vehicle's 12V or 24V outlet.



Part Number: **TWC6M-HW**
(Also for use with TWC1M.)



Part Number: **TWC6M-MB**



Part Number: **TWC6M-VPA**
(Also for use with TWC1M.)

Specifications For Endura Rapid Chargers

| | TWC1 | TWC1M | TWC6M |
|--------------------------------|---|---|---|
| Dimensions | 115 x 136 x 86 mm 4.5 x 5.4 x 2.6 inches | 116 x 98 x 106 mm 4.6 x 3.9 x 4.3 inches | 510 x 172 x 80 mm 20.1 x 6.8 x 3.1 inches |
| Weight (with power supply) | 275 g / 0.6 lbs. | 320 g / 0.7 lbs. | 3.1 kg / 6.2 lbs. |
| Compatible Battery Chemistries | NiCd / NiMH / Li-Ion / LiPo | NiCd / NiMH / Li-Ion / LiPo | NiCd / NiMH / Li-Ion / LiPo |
| Operating Temperature | 15° C – 30° C | 15° C – 30° C | 15° C – 30° C |
| Storage Temperature | 0° C – 65° C | 0° C – 65° C | 0° C – 65° C |
| Power Supply Type | AC to DC | DC to DC | AC to DC • DC to DC* |
| Power Supply Input | 100V – 240V AC / 50 Hz – 60 Hz / 0.5A | 12V-24V DC | 100V – 240V AC / 50 Hz – 60 Hz / 2.0A |
| Charger Input | 15V DC 1.0A | 12V – 24V DC (1A minimum) | 12V – 24V DC (4.8A minimum) |
| Charge Rate | 700 mAh (10.6V – 13.5V) | 700 mAh (10.6V – 13.5V) | 700 mAh (10.6V – 13.5V) |
| Approvals | UL / FCC (power supply) | N/A | UL / FCC / CE (power supply) FCC (charger) |
| Warranty (months) | 12 | 12 | 12 |

Status LED Information

When a battery is placed in TWC1, TWC1M or TWC6M, the charging status is indicated by the LED color and flash pattern.

- Solid ORANGE – Charger performing battery diagnostic.
- Solid RED – The battery is charging.
- ⊙ Flashing RED – A battery fault condition exists. See user manual for details.
- ⊙ Flashing GREEN – The battery is 80% charged.
- Solid GREEN – The battery is fully charged.



Two-Way Radio Batteries

Tandem also offers the industry's most comprehensive line of batteries for two-way radios. Manufactured to strict quality standards, batteries from Multiplier enjoy a well-earned reputation for performance and reliability.

call2recycle™



Multiplier is a proud sponsor of Call2Recycle™, a program of the Rechargeable Battery Recycling Corporation (RBRC). By placing RBRC's Battery Recycling Seals on the rechargeable batteries that power cordless products, Power Products is dedicated to preserving the environment. For more information and for drop-off locations, visit www.rbrc.org or call 800-8-BATTERY.

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*With optional TWC6M-VPA or TWC6M-HW.

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www.tandemdistribution.com