ENDURA™

EC1 • EC1M • EC6M
EC Chargers - Single Pod

Smart Charging Solutions For Two-Way Radio Batteries

- All models charge Li-Ion, LiPo, NiMH, or NiCd batteries based on pod selected.
- Advanced charging technology prevents over-charging, while providing automatic recharging when a radio remains powered on.
- Provides cold and hot battery monitoring and other important battery advisements (see Status LED Information on back).
- Replaceable charging pod allows EC chargers to be updated for future use with other radios.
- Available for popular radios from Motorola, Kenwood, Harris, Hytera, Icom, Maxon, Relm, Tait, Vertex Standard, and others.
- Certified to meet California Energy Commission and U.S. Department of Energy requirements for energy conservation (see Specifications on back).

Endura EC1

- Features a compact footprint and ideal for desktop use.
- For added flexibility in placement, charger may be positioned to view from the front or side.
- Includes charging pod, AC to DC power supply, and user manual.

Endura EC1M

- Designed for in-vehicle use and may be powered from a 12V or 24V outlet.
- Bracket design allows for mounting on a vertical or horizontal surface.
- Includes charging pod, mounting bracket with adjustable tie-down strap, vehicle power adapter, and user manual.

Endura EC6M

- Ultra-compact footprint measures only 20.8 inches x 5.8 inches.
- The six charging positions may be configured for a specific radio or six different radio models (see pod listing for exceptions).
- Includes six charging pods, AC-DC power supply, and user manual.
- Accessories available for in-vehicle use. EC6M features a custom designed DC socket for hardwire connection.

Authorized Dealer:
HiTechWireless
Phone: 888.511.5162 Email:Sales@hitechwireless.com
Fax: 866.341.3315 www.HiTechWireless.com

PowerProducts™
ENDURA Chargers By Power Products
Smart • Adaptable • Reliable™

Status LED Information

When a battery is placed in an EC charger, the Status LED confirms normal charging, full charge, battery fault, or battery advisement.

- **Solid RED** – battery is charging normally.
- **Flashing Green** – battery is 80% charged.
- **Solid Green** – battery is fully charged.
- **Extended Solid ORANGE**[1] – cold battery, charger monitoring, see manual.
- **Short Solid ORANGE** – charger reset, do not insert battery until off.
- **Flashing ORANGE** – battery advisement, see manual.
- **Flashing RED** – fault condition, remove battery, see manual.

[1]Feature not available with (A) models EC1-V2, EC1M-V2, and EC6M-V2 or (B) with EC1, EC1M, and EC6M when charging batteries without temperature sensing circuitry.

Charging Pods For EC Chargers

Endura EC chargers utilize many different pods in order to charge hundreds of different two-way radios. The charging pods are replaceable, allowing the

EC charger to be updated for future use with other radios. Most of the charging pods are compatible with EC1, EC1M, or EC6M. However, a few pods require an EC charger that is slightly different and those models are EC1- V2, EC1M-V2, and EC6M-V2. For a complete listing of pods available and the compatible EC charger, contact an authorized Power Products dealer or visit www.powerproducts.com.

Specifications

	EC1	EC1M	EC6M
Dimensions (W x L x H)	96 x 131 x 77 mm 3.8 x 5.2 x 3.0 inches	96 x 131 x 77 mm 3.8 x 5.2 x 3.0 inches	509 x 148 x 91 mm 20.0 x 5.8 x 3.6 inches
Weight (charger only)	0.25 kg / 0.55 lbs.	0.25 kg / 0.55 lbs.	1.4 kg / 3.1 lbs.
Compatible Chemistries (based on pod selected)	Li-Ion / LiPo NiMH / NiCd	Li-Ion / LiPo NiMH / NiCd	Li-Ion / LiPo NiMH / NiCd
Operating Temperature	0° C – 45° C 32° F – 113° F	0° C – 45° C 32° F – 113° F	0° C – 45° C 32° F – 113° F
Power Supply Input	100V – 240V AC 50 Hz – 60 Hz / 0.5A	N/A	100V – 240V AC 50 Hz – 60 Hz / 2.0A
Charger Input	15V DC / 1.0A (with TWC1-PS)	12V-24V DC / 1.0A (minimum)	12V-24V DC / 5.4A[E] (minimum)
Charge Rate[A]	900 mA (10.6V-13.5V)	900 mA (10.6V-13.5V)	900 mA (10.6V-13.5V)
Approvals	FCC[B] / BC[C] / DOE[D] / CE	FCC[B] / BC[C] / DOE[D] / CE	FCC[B] / BC[C] / DOE[D] / CE
Warranty	12 months	12 months	12 months

(A) Applies to EC1 / EC1M / EC6M. Charge rate for EC1-V2 / EC1M-V2 / EC6M-V2 is 700 mA. (B) Complies with FCC Rules, Part 15, Subpart B, Class B 2016, ANSI c63.4:2014. (C) Complies with California Energy Commission CEC-400-2011-005. (D) Complies with U.S. Department of Energy 10 CFR, Part 430, PC3 and 4. (E) Applies to EC6M. Charger input for EC6M-V2 is 4.8A (minimum). Specifications subject to change without notice.

Endura EC6M

The EC6M may be installed in a vehicle with the optional EC6M-MB mounting bracket shown below. The EC6M-MB has adjustable tie-down straps allowing taller or shorter radios to be properly secured. Using a vehicle power adapter (TWC6M-VPA) or hardwire kit (TWC6M-HW), the charger can be powered from a 12V or 24V source.

TWC6M-VPA

The TWC6M-VPA features a heavy duty coiled cord and is compatible with EC6M and EC1M.

TWC6M-HW

The TWC6M-HW is the optional hardwire kit for EC6M and EC1M.

EC6M-MB

The EC6M-MB allows the EC6M to be wall or floor mounted and includes fasteners.

Endura EC1M

The EC1M includes the EC1M-MB mounting bracket and vehicle power adapter (TWC1M-VPA) shown below. The adjustable tie-down strap will properly secure radios of different heights or a battery only.

EC1-MB

The EC1M-MB allows either floor or wall mounting and fasteners are included. When floor mounting, the two side flanges are attached to the main bracket.

PowerProducts™

ENDURA Chargers By Power Products

Smart • Adaptable • Reliable™

HiTechWireless

Phone: 888.511.5162 Email:Sales@hitechwireless.com
Fax: 866.341.3315 www.HiTechWireless.com