

# 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 radio remains powered on.
- Provides hot and cold battery monitoring (not available with V2 models).



#### Endura EC1

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

- Replaceable charging pod allows charger to be updated for future use with other radios. Pods available for popular radios from Motorola, Kenwood, Harris, Hytera, Icom, BK Technologies, Tait, Vertex Standard, and others.
- Special V3 models available for charging Motorola APX batteries with higher end voltage requirements (see V3 Models section on back).
- Certified to meet U.S. Department of Energy and California Energy Commission requirements for energy conservation.

#### 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 maybe configured for a specific radio or six different radio models (see pod listing for exceptions).
- Includes six charging pods, AC to DC power supply, and user manual.
- Accessories available for in-vehicle use. EC6M features a custom designed DC socket for hardwire connection.



Authorized Dealer:



**ENDURA Chargers by Power Products**  
Smart – Adaptable – Reliable™

## 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](http://www.powerproducts.com).



## V3 Models For Motorola APX Batteries

Designed specifically for Motorola APX6000 / 7000 / 8000 batteries, the EC1V3 / EC1MV3 / EC6MV3 incorporate a special charging pod (TWP-MT19T-D) and additional intelligence that ensure proper charging of batteries that have higher end voltage requirements. EC1V3 / EC1MV3 / EC6MV3 models offer the same standard features as EC1 / EC1M / EC6M, but because of the unique charging requirements of APX batteries, the V3 models are pod specific.

Part Number	Battery Compatibility
EC1V3-MT19T	Endura V3 models are compatible with Motorola APX6000 / 7000 / 8000 batteries, including those with a higher end voltage requirement.
EC1MV3-MT19T	
EC6MV3-MT19T	

## 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 <sup>E</sup> (minimum)
Charge Rate <sup>A</sup>	900 mA (10.6V-13.5V)	900 mA (10.6V-13.5V)	900 mA (10.6V-13.5V)
Approvals	FCC <sup>B</sup> / BC <sup>C</sup> / DOE <sup>D</sup> / CE	FCC <sup>B</sup> / BC <sup>C</sup> / DOE <sup>D</sup> / CE	FCC <sup>B</sup> / BC <sup>C</sup> / DOE <sup>D</sup> / 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.



## TWPC6M-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 straps will properly secure radios of different heights or a battery only.

## EC1M-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

