



## EC1 • EC1M • EC6M

EC Chargers - Single Pod

### Smart Charging Solutions For Two-Way Radio Batteries

EC1, EC1M, and EC6M charge Li-Ion, LiPo, NiMH, or NiCd unique replaceable charging pods that can be used in EC1, EC1M, and EC6M to charge batteries for hundreds of different two-way radios.

Charging Pods are designed to be replaced easily in the field and charge batteries on or off a radio. For a complete listing of pods available, contact an authorized dealer or visit [www.powerproducts.com](http://www.powerproducts.com).

- Advanced charging technology to prevent overcharging while automatically recharging powered on radios.
- Important battery alerts including hot/cold battery monitoring.
- Certified to meet U.S. Department of Energy and California Energy Commission requirements for energy conservation.

#### Charging Pods



- Designed to hold a battery while on or off a radio.
- Field replaceable making it easy to update the charger.

#### 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 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 12 V or 24 V 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 x 5.8".
- 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 to DC power supply, and user manual.
- Accessories available for in-vehicle use.

**Toll Free** 800-529-1618  
**Local** 770-740-9400  
**Fax** 770-569-1844  
**Web** [powerproducts.com](http://powerproducts.com)

Serving the wireless industry since 1994.

*Special V3 models for Motorola APX batteries with higher end voltage requirements available (see back)*

## Specifications

	EC1	EC1M	EC6M
Dimensions (W x L x H)	3.8 x 5.2 x 3.0" (96 x 131 x 77 mm)	3.8 x 5.2 x 3.0" (96 x 131 x 77 mm)	20.0 x 5.8 x 3.6" (509 x 148 x 91 mm)
Weight (charger only)	0.55 lb / 0.25 kg	0.55 lb / 0.25 kg	3.1 lb / 1.4 kg
Compatible Chemistries (based on pod selected)	Li-Ion / LiPo / NiMH / NiCd	Li-Ion / LiPo / NiMH / NiCd	Li-Ion / LiPo / NiMH / NiCd
Operating Temperature	32–113°F / 0–45°C	32–113°F / 0–45°C	32–113°F / 0–45°C
Power Supply Input	100–240 VAC / 50–60 Hz / 0.5 A	N/A	100–240 VAC / 50–60 Hz / 2.0 A
Charger Input	15 VDC / 1.0 A (with TWC1-PS)	12–24 VDC / 1.0 A (minimum)	12–24 VDC / 5.4 A <sup>E</sup> (minimum)
Charge Rate <sup>A</sup>	900 mA (10.6–13.5 V)	900 mA (10.6–13.5 V)	900 mA (10.6–13.5 V)
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

Specifications subject to change without notice.

(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 4.8 A (minimum).

## Product Accessories

### TWC6M-VPA



Features a heavy duty coiled cord and is compatible with EC1M and EC6M.

### TWPC6M-HW



The optional hardwire kit for EC1M and EC6M.

### 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.

### EC6M-MB



Allows the EC6M to be wall or floor mounted and includes adjustable tie-down straps for in-vehicle applications to secure radios or batteries.

Part Number	EC1	EC1M	EC6M	Description
TWC1-PS	•			Power supply (included)
TWC6M-PS			•	Power supply (included)
TWC6M-PC			•	Power cord (included)
TWC6M-VPA		•	•	Vehicle power adaptor
TWPC6M-HW		•	•	Hardwire kit
EC1M-MB		•	•	Mounting bracket for in-vehicle installation (included)
EC6M-MB			•	Mounting bracket for office or in-vehicle installation

## V3 Models For APX & MOTOTRBO Radios

Designed specifically for Motorola APX6000/7000/8000 and MOTOTRBO R7 batteries, the EC1V3/EC1MV3/EC6MV3 incorporate a special charging pod (TWP-MT19T or TWP-MT16T) and intelligence to ensure proper charging of batteries with 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 and R7 batteries, the V3 models are pod specific.

Part Number (APX 6000/7000/8000)	Part Number (MOTOTORBO R7)
EC1V3-MT19T	EC1V3-MT16T
EC1MV3-MT19T	EC6MV3-MT16T
EC6MV3-MT19T	(See EVC-MT16 for in-vehicle)