PowerProducts
A MISSION CRITICAL ELECTRONICS BRAND

ENDURA

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.

- 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.

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

Toll Free 800-529-1618
Local 770-740-9400
Fax 770-569-1844
Web powerproducts.com

Serving the wireless industry since 1994.

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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[E] (minimum)
Charge Rate[A]	900 mA (10.6–13.5 V)	900 mA (10.6–13.5 V)	900 mA (10.6–13.5 V)
Approvals	FCC[B] / BC[C] / DOE[D] / CE	FCC[B] / BC[C] / DOE[D] / CE	FCC[B] / BC[C] / DOE[D] / CE
Warranty	24 months	24 months	24 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)

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EC2M • EC12M

EC Chargers - Dual Pod

Innovative Charging Solutions For Two-Way Radio Batteries

EC2M and EC12M charge Li-Ion, LiPo, NiMH, or NiCd batteries based on pod selected. There are more than 30 unique replaceable charging pods that can be used in EC2M and EC12M to charge batteries for hundreds of different two-way radios.

Charging Pods are designed to be replaced easily in the field and charge two batteries at a time—on or off a radio. For a complete listing of pods available, contact an authorized dealer or visit 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 two batteries while on or off a radio.
- Field replaceable making it easy to update the charger.

Endura EC2M

- Rapidly charges two batteries while on or off the radios.
- Charge status LED lights to confirm charge status of batteries.
- Includes one dual charging pod, 100–240 V AC to DC power supply, and user manual.

Endura EC12M

- Rapidly charges twelve batteries while on or off the radios.
- Ultra-compact footprint measures 20.0 x 5.8".
- Charge status LED lights to confirm charge status of batteries.
- Includes six dual charging pods, 100–240 V AC to DC power supply, and user manual.

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

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Specifications

	EC2M	EC12M
Dimensions (W x L x H)	3.9 x 5.4 x 3.2" (101 x 137 x 81 mm)	20.0 x 5.8 x 3.7" (509 x 148 x 94 mm)
Weight (charger only)	0.7 lb / 0.32 kg	3.6 lb / 1.63 kg
Compatible Chemistries (based on pod selected)	Li–Ion / LiPo / NiMH / NiCd	Li–Ion / LiPo / NiMH / NiCd
Operating Temperature	59–86ºF / 15–30ºC	59–86ºF / 15–30ºC
Power Supply Input	100–240 VAC / 50–60 Hz / 0.58 A	100–240 VAC / 50–60 Hz / 2.2 A
Charger Input	12–24 VDC / 1.6 A	12–24 VDC / 10.0 A
Charge Rate	800 mA (10.6–13.5 V)	800 mA (10.6–13.5 V)
Approvals	FCC[A] / BC[B] / DOE[C] / CE	FCC[A] / BC[B] / DOE[C] / CE
Warranty	24 months	24 months

Specifications subject to change without notice.

(A) Complies with FCC Rules, Part 15, Subpart B 2016.

(B) Complies with California Energy Commission CEC-400-2011-005.

(C) Complies with U.S. Department of Energy 10 CFR, Part 430, PC3 and 4.

Product Accessories

TWC6M-VPA

Features a heavy-duty coiled cord and is compatible with EC2M.

TWPC6M-HW

The optional hardwire kit for EC2M and EC12M.

EC2M-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 EC12M to be wall or floor mounted and includes adjustable tie-down straps for in-vehicle applications to secure 12 radios or batteries.

Part Number	EC2M	EC12M	Description
TWC2M-PS	•		Power supply (included)
EC2M-MB	•		Mounting bracket (for in-vehicle installation)
TWC6M-VPA	•		Vehicle power adaptor
TWC6M-HW	•	•	Hardwire kit
TWC12M-PS		•	Power supply (included)
TWC6M-PC		•	Power cord for TWC12M-PS (included)
EC6M-MB		•	Mounting bracket for office or in-vehicle applications

V3 Models for Motorola APX & R7 Batteries

Designed specifically for Motorola APX6000/7000/8000 and MOTOTBO R7 batteries, the EC2MV3 and EC12MV3 incorporate a special charging pod (TWP-MT19T-D or TWP-MT16T-D) and additional intelligence to ensure proper charging of batteries that have higher end voltage requirements. The EC2MV3 / EC12MV3 models offer the same standard features as EC2M / EC12M, 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 (MOTOTRBO R7)
EC2MV3-MT19T-D	EC2MV3-MT16T-D
EC12MV3-MT19T-D	EC12MV3-MT16T-D

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