

PIF™ PowerFilm

The World's Most Rollable and Lightweight Solar Technology
ROLLABLE SERIES PRODUCT DETAIL SHEET

Battery Chargers



A compact and simple option for charging **AA** and **AAA** batteries.



The simple way to charge a **variety of batteries** including AA, AAA, C, D, and 9V.



Deluxe charger for almost any size or shape **Lithium Ion, Lithium Polymer, NiCad, or NiMH** battery.

RA-3 12 Volt Trickle Charger Pack for AA and AAA

3.75x2.86x1.5" / 95x74x38 mm
 5.5 oz / .16 kg

- Charges one, two, three, or four NiCad or NiMH AA/ AAA batteries.
- Can charge one battery at a time.
- Four independent charging indicators.
- Compact design.
- Includes 12V cigarette lighter adapter.

RA-4 12 Volt Standard Battery Charger

8x5.75x2.75" / 203x146x70 mm
 18 oz / .51 kg

- Charges two or four AA/ AAA/ C/ D/ NiCad/ NiMH batteries and one or two 9V batteries at the same time.
- Can charge different size batteries at the same time.
- Fast charger with 800mA charging current.
- Includes discharge function.
- Includes 12V cigarette lighter adapter.

RA-5 12 Volt Deluxe Universal Battery Charger/ Analyzer/ Conditioner

5.5x6.3x2.5" / 141x161x63 mm
 20 oz / .57 kg

- Support Lithium Ion, Lithium Polymer, NiMH, NiCad batteries.
- Battery holders included.
- Universal design to accommodate a wide variety of batteries for cell phones, cameras, camcorders, two-way radios, and more.
- Fast charges at 800 mA for NiMH and NiCad batteries and 400 mA for Lithium Ion batteries
- Analyze and condition battery packs and digitally display capacity.
- Includes 12V cigarette lighter adapter plus AC adapter.
- Digitally display voltage, time, and capacity throughout the charge and discharge processes.

	PowerFilm® R15-300	PowerFilm® R15-600	PowerFilm® R15-1200
Operating Voltage (V)	15.4	15.4	15.4
Operating Current (Amps)	.3	.6	1.2
Weight (lbs./kg)	0.6/ .29	1/ .46	1.9/ .88
Dimensions (inch/mm)	11.5 x 21 292 x 531	11.5 x 38 292 x 972	12 x 73 305 x 1858
Rolled Dimensions (inch/mm)	11.5 x 4 x 3.75 292x101.5x95.25	11.5 x 4.25 x 4.25 292x108x108	12 x 4.25 x 4.5 305x108x114.3



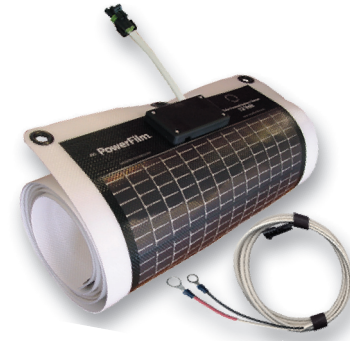
RA-6 Daisy Chain Accessory and 3 PowerFilm® Rollable Units required



RA-6 Daisy Chain Accessory and 2 PowerFilm® Rollable Units required



RA-6 Daisy Chain Accessory and 2 PowerFilm® Rollable Units required



CORE SYSTEM INCLUDES:

R15-300 or R15-600 or R15-1200 and 15 Ft. of wire with o-ring Battery Connectors

What Do I Want to Charge?

AA/ AAA Batteries

GameBoy®
GPS
Walkman
Portable CD Player
2-way Hand Radio

D Batteries

Camping Lantern
Boombox
Flashlight

Lithium Ion

Cell Phone
Digital Camera
Camcorder
Apple® iPod™
Laptop Computers

Lithium Polymer

Satellite Phone

NiMH / NiCad

Diverse uses for AA, AAA, C, and D batteries

Adapters



RA-1 12 Volt Cigarette Lighter Adapter

- Charge a vehicle's battery directly through the cigarette lighter.



RA-2 12 Volt Female Cigarette Lighter Adapter

- Directly charge any wireless electronics device with its 12V cigarette lighter adapter.

Additional Accessories



RA-6 Daisy Chain Accessory

- Use this to connect several PowerFilm® Rollable chargers in parallel for increased current output (Amps).



RA-7 15 Ft. Extension Cord



RA-8 15 Ft. Extension Cord with Alligator Clips



RA-9 Charge Controller

- 100% SOLID STATE: All power switching is done with MOSFETs. No mechanical relays are used.

- Temperature compensation.
- Battery charge regulation.
- Wires are rated for outdoor use, size 16 AWG, with Hypalon insulation.



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