

# DAILY RUN TIMES (IN HOURS)

Based on 5 hours of full sun per day.

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Indicated below are examples of average run and charge times for common uses for PowerFilm® Rollable Solar Panels. For example, an average 12V fish finder consumes .83 Amps per hour. With the R15-300, a typical day with five hours of full sun will allow the fish finder to run for 1.8 hours and the R15-1200 would allow the fish finder to run for 7.2 hours.

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The World's Most Rollable and Lightweight Solar Technology

Charge or Direct Power 12 V Systems		PowerFilm® R15-300	PowerFilm® R15-600	PowerFilm® R15-1200
		daily run time in hours		
5 hours of full sun will allow you to power your 12 Volt System for ___ hours	12 V Fish Finder (.83 Amps)	1.8	3.6	7.2
	12V GPS (.42 Amps)	3.6	7.1	14.3
	12V Bilge Pump (3 Amps)	.5	1	2
	Outdoor Lighting (.8 Amps)	1.9	3.8	7.5
	14" Color Television (3.33 Amps)	0.5	0.9	1.8
	Search Light (8.3 Amps)	0.2	0.4	0.7
	CB Radio (.42 Amps)	3.6	7.1	14.3

Charge Wireless Electronics		daily run time in hours		
		5 hours of full sun will allow you to power your wireless electronics for ___ hours	Cell Phone (.5 Amps)	3
Satellite Phone (.5 Amps)	3		6	12
AM/FM Radio (.4 Amps)	3.8		7.5	15
Laptop (2.5 Amps)	0.6		1.2	2.4
PDA's (.5 Amps)	3		6	12

\*all numbers in table represent talk times

Charge Almost All Lithium, NiCad, or NiMH Batteries		Charger Pack	charge time in hours		
		The number of hours of full sun needed to fully charge batteries, with each combination of PowerFilm® Rollable Chargers and Battery Charger Accessories	AA	RA-3 (1-4 batt.)	10-26
RA-4 (2 or 4 batt.)	not possible				
RA-5 (1-6 batt.)				1-3	1-3
AAA	RA-3 (1-4 batt.)		3-12	3-12	3-12
	RA-4 (2 or 4 batt.)		not possible		
	RA-5 (1-6 batt.)			1-3	1-3
D	RA-3 (1-4 batt.)		not possible		
	RA-4 (2 or 4 batt.)				3-13
	RA-5 (1-6 batt.)			3-13	3-13
Standard Lithium Battery	RA-3 (1-4 batt.)		not possible		
	RA-4 (2 or 4 batt.)		not possible		
	RA-5 (1-6 batt.)			2-4	2-4

Typical battery capacity ranges: AA (600-1900 mA); AAA (200-700 mA); D (1600-8500 mA); Lithium (570-1400 mA)