

DAILY RUN TIMES (IN HOURS)

Based on 5 hours of full sun per day.

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.



The Worlds Most Rollable and Lightweight Solar Technology

		PowerFilm® R15-300	PowerFilm® R15-600	PowerFilm® R15-1200
Charge or Direct Power 12 V Systems		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	7.3
	12 V GPS (.43 Amps)	3.6	7.1	14.3
	12 V Bilge Pump (3 Amps)	.5	1	2
	Outdoor Lighting (.8 Amps)	1.9	3.8	7.5
	14" Color Television (3.33 Amps)	.5	.9	1.8
	Search Light (8.3 Amps)	.2	.4	.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	6	12
	Satellite Phone (.5 Amps)	3	6	12
	AM/FM Radio (.4 Amps)	3.8	7.5	15
	Laptop (2.5 Amps)	.6	1.2	2.4
	PDA's (.5 Amps)	3	6	12

* all numbers in table represent talk times

Charge Allmost All Lithium, NiCad, or NIMH Batteries				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	1-4	RA-3b	(2 batt) 4-6	(4 batt) 4-6	(4 batt) 4-6
		2-4	RA-4	not possible		
		1-6	RA-5		1-3	1-3
	AAA	1-4	RA-3b	(2 batt) 1-2	(4 batt) 1-2	(4 batt) 1-2
		2-4	RA-4	not possible		
		1-6	RA-5		1-3	1-3
	D		RA-3b	not possible		
		2-4	RA-4	not possible		
		1-6	RA-5		3-13	3-13
	Standard Lithium Battery		RA-3b	not possible		
			RA-4	not possible		
		1	RA-5		2-4	2-4

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