

ECO-DRIVE RECHARGE GUIDE

Light Source/Charge Time from Stop State								
			Indoors, Office (500 lux)			Fluorescent 6"/Incandescent 20" (3,000 lux)		
Model	Movement Caliber	Running Time At Full Charge	One Day Use	One Second Step	Full Charge	One Day Use	One Second Step	Full Charge
AP0XXX	787X	180 Days	1 Hour	30 Hours	250 Hours	10 Minutes	5 Hours	40 Hours
AP2XXX AP5XXX	085X & 087X	80 Days	2.5 Hours	28 Hours	220 Hours	25 Minutes	4.5 Hours	34 Hours
AP8XXX	A114 & A119	100 Days	1.5 Hours	11 Hours	170 Hours	15 Minutes	2 Hours	27 Hours
BJ1XXX	A160	500 Days	2 Hours	12 Days	55 Days	20 Minutes	46 Hours	9 Days
BJ2XXX	B74X	60 Days	2 Hours	16 Hours	134 Hours	16 Minutes	2.5 Hours	18 Hours
BJ6XXX BW0XXX EP5XXX EW0XXX EW3XXX	E000 E010 E030	180 Days	2 Hours	41 Hours	460 Hours	19 Minutes	6.5 Hours	72 Hours
BJ8XXX BJ9XXX	B87X	180 Days	1.5 Hours	22 Hours	320 Hours	15 Minutes	3.5 Hours	53 Hours
BL000X through BL006X	E710	300 Days	2.5 Hours	16 Hours	312 Hours	16 Minutes	6.5 Hours	39 Hours
	E760	5 Years	2.5 Hours	73 Hours	21 Days	19 Minutes	10 Hours	61 Hours
BL009X BM0XXX BM8XXX	E100 E110	180 Days	1 Hour & 20 Min	26 Hours	290 Hours	15 Minutes	4 Hours	46 Hours
BL1XXX	E760	5 Years	2.5 Hours	73 Hours	21 Days	19 Minutes	10 Hours	61 Hours
BL5XXX	E810	270 Days	2.5 Hours	48 Hours	338 Hours	11 Minutes	7 Hours	43 Hours
BP4XXX EP4XXX	B020	150 Days	1 Hour, 10 Min	52 Hours	360 Hours	12 Minutes	8.5 Hours	57 Hours
	B023	1 Year	1 Hour	48 Hours	440 Hours	15 Minutes	8 Hours	75 Hours
EP0XXX	8512	60 Days	2 Hours	9.5 Hours	180 Hours	50 Minutes	5 Hours	90 Hours
EP7XXX	A234	100 Days	2 Hours	15 Hours	230 Hours	20 Minutes	2.5 Hours	35 Hours
EP8XXX	B230	100 Days	2.5 Hours	30 Hours	260 Hours	20 Minutes	4.5 Hours	40 Hours
EW7XXX	B110	2 Years	2.5 Hours	53 Hours	470 Hours	26 Minutes	9 Hours	69 Hours
EW8XXX SY2XXX	B023	1 Year	1 Hour	48 Hours	440 Hours	15 Minutes	8 Hours	75 Hours
JR0XXX	C605	70 Days	3.5 Hours	22 Hours	242 Hours	35 Minutes	3 Hours	40 Hours
JR3XXX	C650	4 Years	2.5 Hours	15 Hours	182 Hours	20 Minutes	3 Hours	29 Hours
JR4XXX	C660	4 Years	2.5 Hours	24 Hours	275 Hours	22 Minutes	4.5 Hours	42 Hours

Low Charge Warning

The watch indicates if the power reserve is low, while it continues to keep accurate time. If the watch is not recharged within one to twenty days depending on the model, it will stop.

Eco-Drive two-hand models: The minute hand moves in one-minute intervals.

Eco-Drive three-hand models, Eco-Drive Sailhawk, Eco-Drive Skyhawk, and Eco-Drive World Timer: The second hand moves in two-second intervals.

Eco-Drive Aqualand: The small second hand moves in two-second intervals. The function hand moves to position 'NG'.

Eco-Drive Chronograph: The second hand stops at the CHARGE mark on the dial. About 5 days advance warning. If the watch stops, the second hand stops at the STOP mark on the dial.



CITIZEN

Eco-Drive. A revolutionary watch.

Citizen Eco-Drive watches are powered by exposure to light, so that no battery replacement is needed. In normal use, the watch displays the time and the sweep-second hand moves in one-second intervals. Before use, charge the watch fully according to the directions below.

Light Source/Charge Time from Stop State									
Model	Movement Caliber	Outdoors Cloudy (10,000 lux)			Outdoors Bright Sun (100,000 lux)			Low Charge Warning	Quick Start
		One Day Use	One Second Step	Full Charge	One Day Use	One Second Step	Full Charge		
AP0XXX	787X	3 Minutes	1.5 Hours	12 Hours	1 Minute	25 Minutes	3.5 Hours	3 Days	Yes
AP2XXX AP5XXX	085X & 087X	8 Minutes	1.5 Hours	10 Hours	2 Minutes	50 Minutes	3 Hours	5 Days	No
AP8XXX	A114 & A119	7 Minutes	30 Minutes	8 Hours	3 Minutes	10 Minutes	7.5 Hours	1 Day	Yes
BJ1XXX	A160	6 Minutes	14 Hours	64 Hours	2 Minutes	4.5 Hours	22 Hours	20 Days	Yes
BJ2XXX	B74X	4 Minutes	1 Hour	5 Hours	2 Minutes	45 Minutes	2.5 Hours	2 Days	No
BJ6XXX BW0XXX EP5XXX EW0XXX EW3XXX	E000 E010 E030	6 Minutes	2 Hours	22 Hours	3 Minutes	26 Minutes	11 Hours	1 Week	Yes
BJ8XXX BJ9XXX	B87X	5 Minutes	1 Hour	17 Hours	2 Minutes	14 Minutes	6 Hours	3 Days	Yes
BL000X through BL006X	E710	5 Minutes	2.5 Hours	11 Hours	1.5 Minutes	55 Minutes	3.5 Hours	2 Days	No
	E760	11 Minutes	3 Hours	17 Hours	1.5 Minutes	1.5 Hours	5 Hours	2 Days	No
BL009X BM0XXX BM8XXX	E100 E110	4 Minutes	1 Hour & 20 Min	14 Hours	2 Minutes	20 Minutes	7 Hours	1 Week	Yes
BL1XXX	E760	11 Minutes	3 Hours	17 Hours	1.5 Minutes	1.5 Hours	5 Hours	2 Days	No
BL5XXX	E810	5 Minutes	2.5 Hours	12 Hours	1.5 Minutes	1 Hour	4 Hours	5 Days	No
BP4XXX EP4XXX	B020	4 Minutes	2.5 Hours	20 Hours	2 Minutes	35 Minutes	7 Hours	5 Days	No
	B023	5 Minutes	2 Hours	30 Hours	4 Minutes	40 Minutes	25 Hours	5 Days	No
EP0XXX	8512	5 Minutes	30 Minutes	9 Hours	2 Minutes	10 Minutes	3.5 Hours	1 Day	Yes
EP7XXX	A234	9 Minutes	45 Minutes	12 Hours	4 Minutes	7 Minutes	7.5 Hours	1 Day	Yes
EP8XXX	B230	7 Minutes	1.5 Hours	14 Hours	5 Minutes	20 Minutes	7.5 Hours	3 Days	Yes
EW7XXX	B110	9 Minutes	3 Hours	24 Hours	7 Minutes	50 Minutes	16 Hours	2 Days	No
EW8XXX SY2XXX	B023	5 Minutes	2 Hours	30 Hours	4 Minutes	40 Minutes	25 Hours	5 Days	No
JR0XXX	C605	10 Minutes	1 Hour	12 Hours	1 Minute	5 Minutes	1 Hour	3 Days	Yes
JR3XXX	C650	6 Minutes	1.5 Hours	9 Hours	3 Minutes	50 Minutes	5 Hours	1.5 Days	No
JR4XXX	C660	7 Minutes	2 Hours	13.5 Hours	4 Minutes	1 Hour & 10 Min	7 Hours	1.5 Days	No

Quick Start Feature

For models indicated 'Yes' in chart: If the watch has stopped completely, it will restart after only several seconds of exposure to bright light. Further charging will be needed, and the correct time must be reset.

Time Reset Advisory

The time must be reset after the watch stops

completely, although it may have restarted due to light exposure. Complete recharging will also be needed.

Eco-Drive three-hand models, Eco-Drive World Timer, and Eco-Drive Aqualand:

The second hand movement alternates between one-second and two-second intervals (hitch movement).

Eco-Drive Sailhawk and Eco-Drive Skyhawk: All hands point straight up.

Eco-Drive two-hand models: At the end of each full minute, minute hand moves quickly and distinctly in three 1/3-minute increments.

Eco-Drive Chronograph: The sweep-second hand stops at the SET mark on the dial.