

TANK MUST SOLARBEAT™

USER GUIDE

Cartier

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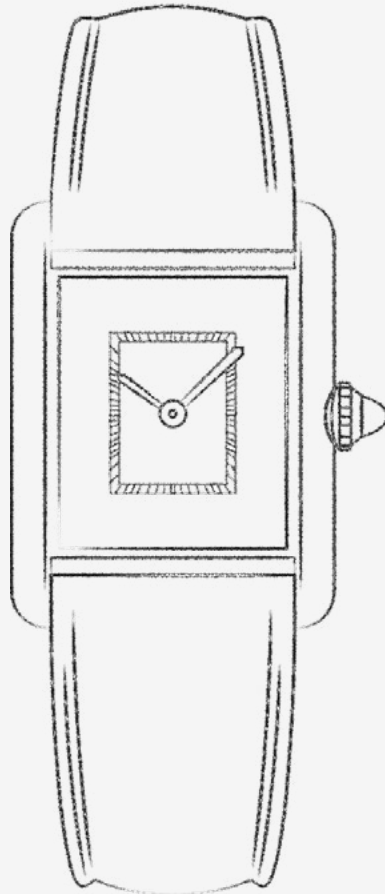
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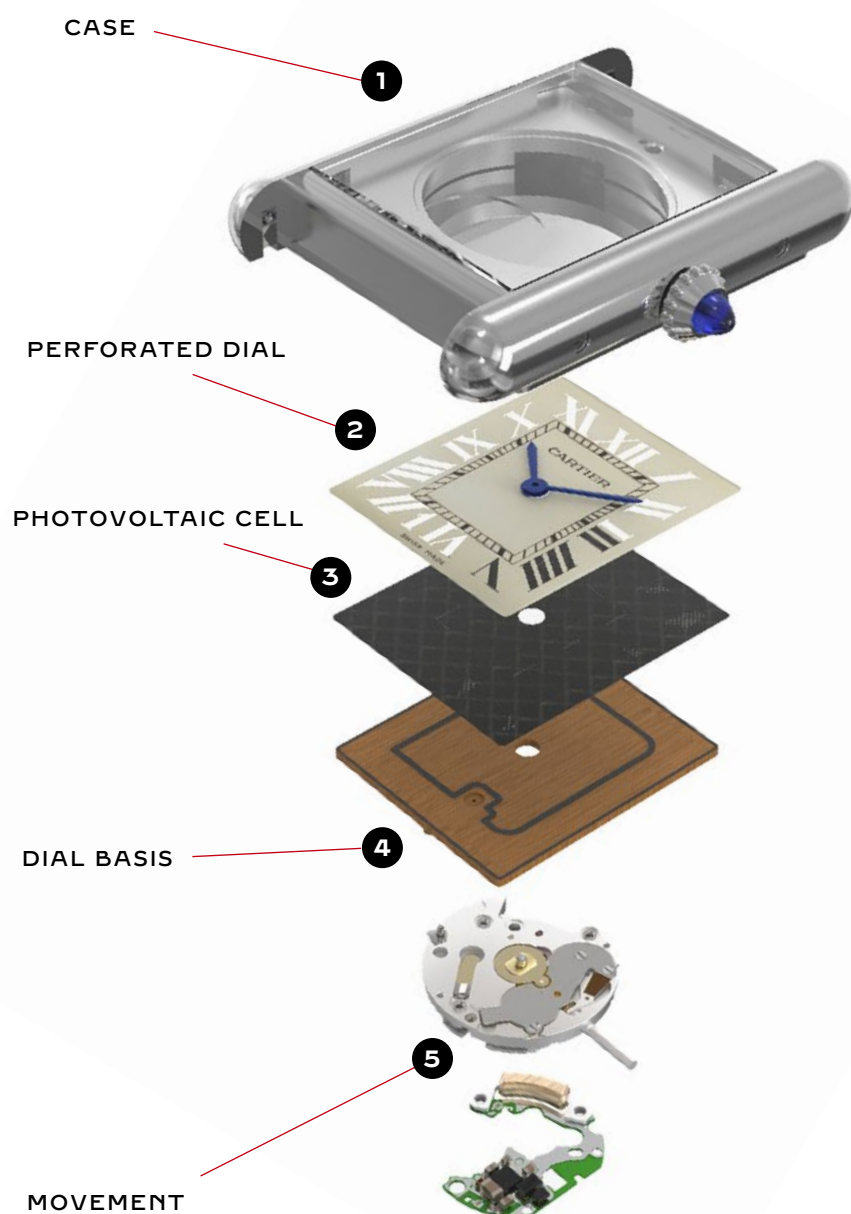
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WHAT IS THE SOLARBEAT™ MOVEMENT?

A MOVEMENT POWERED BY PHOTOVOLTAIC ENERGY



WHAT IT IS

The SolarBeat™ movement is Swiss made and powered by photovoltaic energy, meaning that the battery of the watch recharges when exposed to daylight and artificial light. The photovoltaic movement watch can work for at least 16 years without battery replacement, versus 8 years for the high-autonomy quartz movement and 3 years for a classic quartz movement.

HOW IT WORKS

The SolarBeat™ photovoltaic movement works with both natural and artificial light. The perforated dial allow the light to reach the photovoltaic cell underneath.

The battery storing the energy will recharge more or less rapidly depending on the exposure to light.

THE AUTONOMY

When fully charged, the battery has an autonomy of about 5 months. Be aware that the watch should be frequently exposed for a better efficiency and to ensure a normal behavior of the battery.

MY WATCH IS ON TIME, HOW SHOULD I CHARGE IT?

HOW TO CHARGE YOUR WATCH

We recommend exposing the watch to direct sunlight in outdoor conditions for at least 2 hours per month, with the dial facing the source of light, to ensure optimal and complete charging of the battery.*



Dial must be facing towards the source of light



HOW TO AVOID FULLY DISCHARGING THE BATTERY

WHEN WEARING THE WATCH

→ *Make sure it is not always entirely covered by your sleeves (the battery will recharge proportionately to the dial's light exposure)*

WHEN NOT WORN

→ *Leave the watch in a space exposed to light as much as possible*

**Please refer to the charging table on p.5 for the approximate charging time of your watch depending on the environment you are in.*

SUITABLE ENVIRONMENTS

Charging works with both natural and artificial light.

1

OUTDOORS

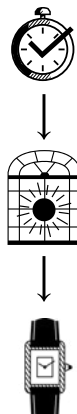
Depending on the weather, recharging the battery may be less efficient



2

INDOORS

Place the watch behind a window, dial facing the light



3

ARTIFICIAL LIGHTING

Place the watch under a lamp - depending on the distance, the recharge may be less efficient



HOW LONG DO I NEED TO CHARGE?

PLEASE REFER TO THE TABLE BELOW FOR THE APPROXIMATE CHARGING TIME OF YOUR WATCH DEPENDING ON THE ENVIRONMENT YOU ARE IN.

ENVIRONNENT	FOR AN OPERATING WATCH, WITH DAILY USE	FOR A STOPPED WATCH, FULLY DISCHARGED BATTERY	
	MINIMUM EXPOSURE FOR 1 DAY OF AUTONOMY	MINIMUM EXPOSURE TO RESTART THE WATCH	EXPOSURE FOR A FULL RECHARGE OF THE BATTERY
OUTDOORS SUNNY	4 min	1 h	+ 9 hrs
OUTDOORS CLOUDY	12 min	2 hrs	+ 29 hrs
INDOORS LAMP AT 20 CM	27 min	4 hrs	+ 68 hrs
OUTDOORS VERY CLOUDY	67 min	12 hrs	+ 167 hrs
INDOORS SHOPPING MALL	112 min	-	-

CAUTION

Please do not charge the watch at high temperatures (>60°), as this may damage the components inside.

Please note that this table shows the approximate charging times when the watch is continuously exposed to light. If the watch is partially charged for less than the recommended time in the table above, the movement will continue to run for a shorter period of time and then stop when the battery is too low.

MY WATCH STOPPED FUNCTIONING, HOW SHOULD I RESTART IT?

BE AWARE THAT IF THE WATCH IS NOT REGULARLY
EXPOSED TO LIGHT, THE BATTERY WILL START
DISCHARGING AND EVENTUALLY STOP WORKING.

FOLLOW THE STEPS BELOW TO RESTART THE WATCH

1

Place your watch under direct sunlight
(or indoor, at ≈20 cm from a lamp).
→ The dial must be facing towards the source
of light to ensure an efficient recharge.



2

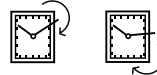
Leave the watch for at least 1 hour
(up to 4 hrs if under a lamp).



1 to 4 hrs
Please refer to appendix
table on p.5

3

If the minute-hand starts moving again,
it means the battery was fully discharged
(not sufficiently exposed to light).



4

We recommend exposing the watch
for a couple more hours to ensure a suitable
battery level to avoid further downtime.



Up to 9 hrs for a full recharge
under direct sunlight.
Please refer to appendix
table on p.5

CAUTION

When fully discharged, the battery requires at least 1 hour* to restart
(*or more depending on the source of light's power, cf Charging Table p.5).
When restarted, the battery is at its minimum battery level for operation.
To increase the battery autonomy, extend the exposure for 9 hours
to direct sunlight until the battery is fully charged (cf Charging Table p.5
to check the corresponding time in other conditions).

HOW DOES THE WARRANTY WORK?

CARTIER INTERNATIONAL WARRANTY

As with any Cartier timepiece, your watch is covered by the Cartier International Warranty for a period of 2 years from the date of purchase. Please find additional details on your local Cartier website.

WARRANTY EXTENSION

You can extend this warranty up to 8 years, as well as benefit from personalized communications and services, by registering your watch with Cartier Care [here](#).

ABNORMAL BEHAVIOR

In case of any abnormal behavior of the watch, please check the Cartier website to find the closest Boutique or Call Center on cartier.com.



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