

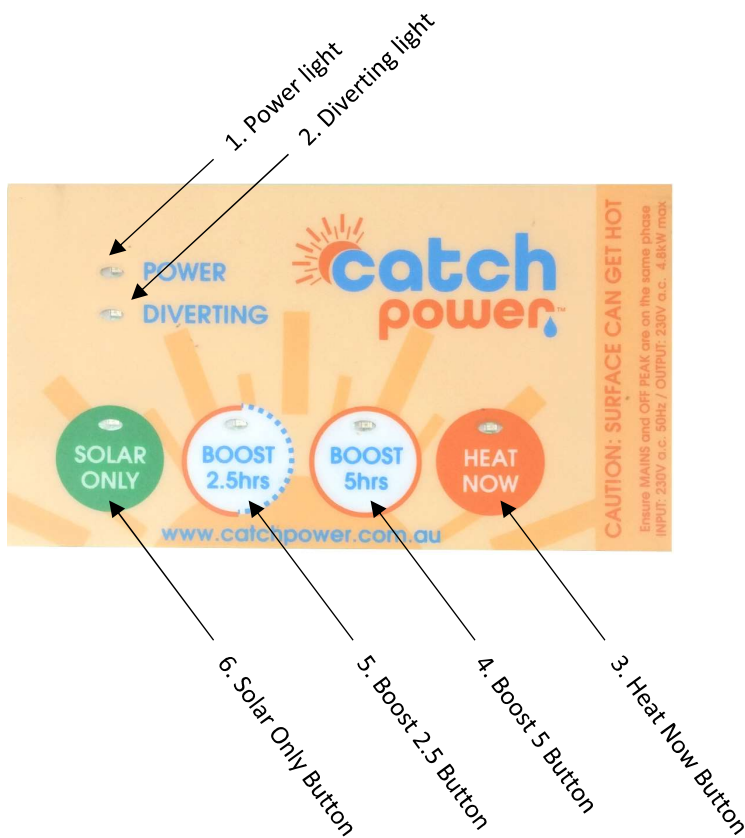


GREEN

USERS GUIDE

1 – How to Control Catch

Catch has been designed with simplicity in mind. The interface has only 4 buttons.



1. Power light

The power light indicates the unit has power to it and is ready to operate. Most of the time this led will be solid green.

If you see the power led flashing on and off it means the unit is restricting power delivery to the hot water because it is getting hot.

The device getting hot is not an indication of a problem, the small form factor means there will be times the unit needs to slow down because it is getting hot.

1. Diverting light

The diverting light indicates how much energy is being sent to the hot water service. The faster the diverting light is flashing the more energy is being sent to the hot water.

If the diverting light is solid green it means the unit is as at 100%, which means Catch is sending as much power as the hot water element can handle.

If the diverting light is off and you see a very short pulse of light every few seconds it means the hot water service has hit temperature and the hot water thermostat has shut the element off.

Understanding the CATCH buttons

Each button on the control console represents a different mode of operation. You change modes by gently pressing on the round circle that represents each button. Catch will let you know if it has changed modes by the green LED lighting up on the button you have just pressed.

3. Heat Now Button

The Heat Now mode is entered into by pressing the Heat now button.

The Heat Now mode is used to get your hot water heated as soon as you press the button. In this mode the device will first check to see if it can you power from the Off Peak line. If the off peak is not installed or is not available then it will use normal mains power.

Once the hot water service hits thermal cut off CATCH will move out of Heat now mode and go back into Boost 5hrs mode.

Heat Now Lock mode can be entered by pressing the Heat Now button a second time. Catch will tell you it is in Heat Now Lock mode by flashing the led on the Heat Now Button on and off.

When Catch is in Heat Now Lock mode CATCH stay in Heat Now mode until you manually change it to another mode.

4. Boost 5 Button

The Boost 5Hrs mode means Catch will attempt to use 5hs of Off Peak energy each day as well as the excess solar energy to heat hot water.

5. Boost 2.5 Button

The Boost 2.5Hrs mode means Catch will attempt to use 2.55hs of Off Peak energy each day as well as the excess solar energy to heat hot water.

6. Solar Only Button

The Solar Only mode means Catch will not use any Off Peak energy to heat hot water. The only energy that will be sent to the hot water service is solar energy that would have otherwise been exported to the grid.

For further assistance please contact our support team on 02 5700 5717, or complete the form on the Contact Us page

Green CATCH Firmware Steps

Setting	Description	Question	Result	Action
Solar Only	Surplus Solar PV is the only energy source available to divert to hot water			
Boost 2.5Hrs	Diverters surplus solar PLUS draws from Off-Peak/Controlled Load to Boost.	Has the HW reached cut-off?	Yes, before midday.	Reduce boost time by 12.5% of 2.5hrs (this process continues until there is no overnight boost).
"		Has the HW reached cut-off?	Yes, after midday.	No further reduction in boost time.
"		Has the HW reached cut-off?	No	Boost to cut-off from mains when off-peak becomes available or at 11pm.
Boost 2.5Hrs (Fixed) (Alternative)	Press this button again to toggle and fix the boost amount to 2.5Hrs	No change in condition.	CATCH will boost for 2.5Hrs, or until thermostat cut-off is reached, at 11pm or when the off-peak is present.	As described.
Boost 5Hrs	As above but with maximum of 5 hours of mains power.			As with 2.5Hr Boost procedure.
Boost 5Hrs (Fixed) (Alternative)	Press this button again to toggle and fix the boost amount to 5Hrs	No change in condition.	CATCH will boost for 5Hrs, or until thermostat cut-off is reached, at 11pm or when the off-peak is present.	As described.
Heat Now	Will use off-peak mains or general rate mains to heat the hot as soon as pressed.			Once the HW reaches cut-off the unit will automatically revert to the setting that the unit was previously in.