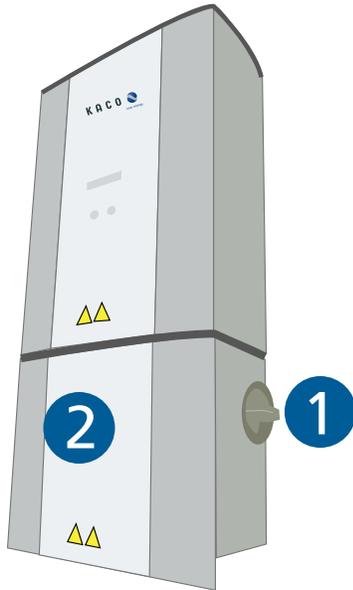
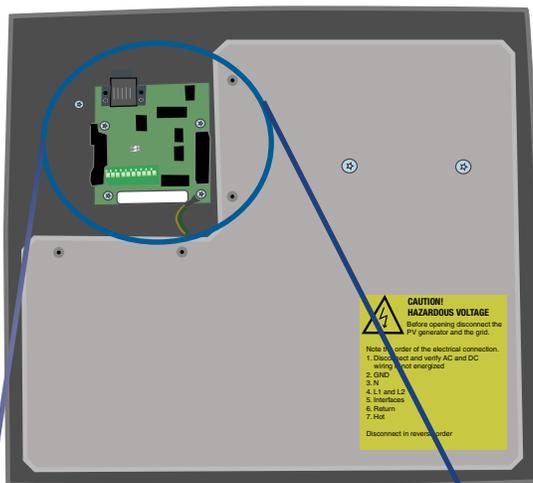


watchDOG Card Installation



1. Turn off the PV system by setting the AC/DC switch to the off position.
2. Remove the bottom cover of the inverter.
3. Use the supplied ribbon cable to connect the **watchDOG** to the connection terminal on the left side of the card.

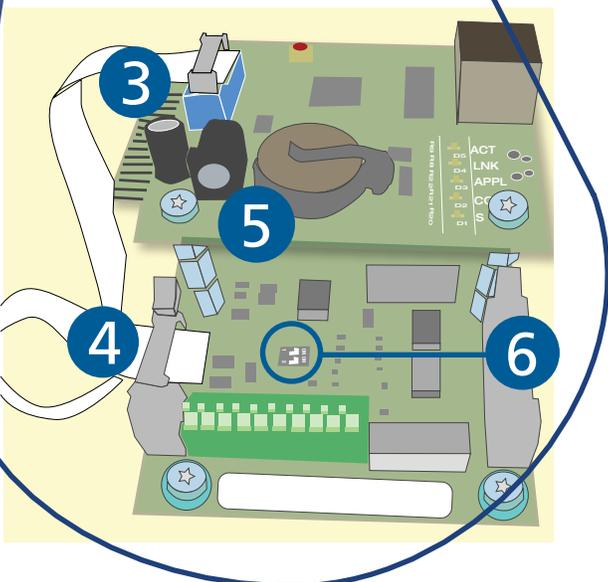


4. Install the card in the left upper corner as shown. The two upper holes of the watchdog should snap into the upper nylon standoffs.
5. Using the two screws supplied with the **watchDOG** card, secure the card to the two standoffs through the bottom two holes.

5. Using the two screws supplied with the **watchDOG** card, secure the card to the two standoffs through the bottom two holes.

6. Move either of the two dip switches into the **ON** position if a single inverter is connected. If multiple inverters are used please make sure **ONLY** the last inverter (furthest from the **watchDOG**) has one switch in the **ON** position.*

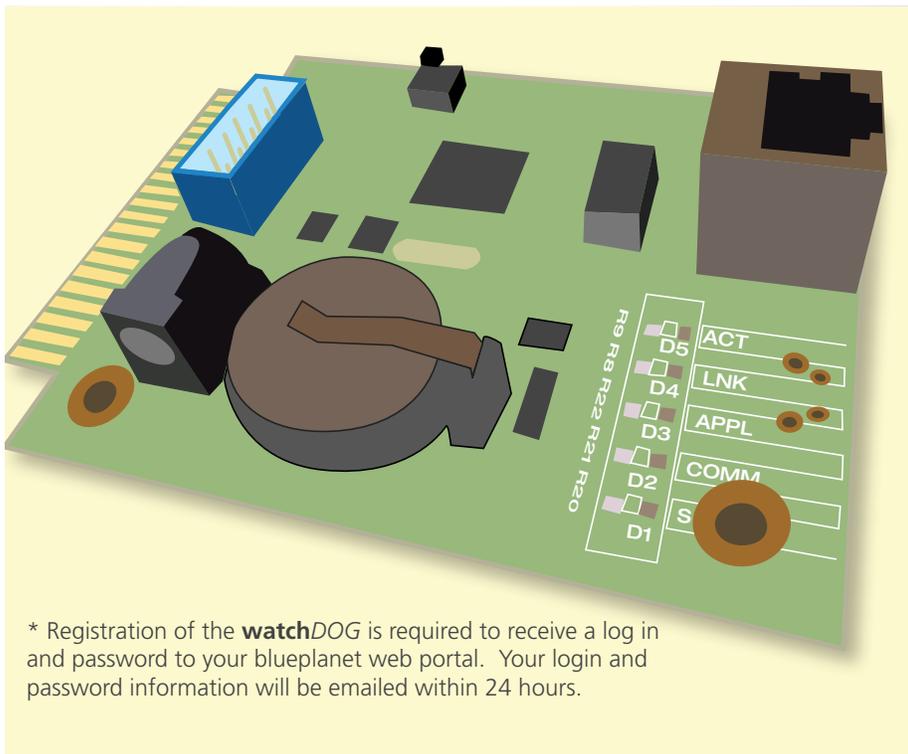
* (Refer to Section 5.7 in the Inverter installation manual for the RS485 addressing & wiring between inverters)



Connecting the watchDOG to the Web

1. Make sure the inverter is turned off.
2. Connect Ethernet cable to the Ethernet port.
3. Turn the inverter back on with the AC/DC switch.
4. The card will go into a boot process for a couple minutes.
5. If successful the **RED** LEDs will show a constant stream of blinking from top to bottom and bottom to top.
6. Close the disconnect cover of the inverter and the installation is complete.
7. Now visit the www.kaco-newenergy.com homepage and register your new hardware*. You will find this on the right side of the page just under "Your PV Plant login".

The **watchDOG** has 5 LEDs and one reset button. When looking down onto the **watchDOG** card, the LEDs are placed in the following order from back to front:



* Registration of the **watchDOG** is required to receive a log in and password to your blueplanet web portal. Your login and password information will be emailed within 24 hours.

ACT LED is on whenever data link activity is detected

LNK LED on if a working Ethernet connecting is present

APPL LED will indicate how many inverters are connected to the system

COMM LED indicates any communication to the server

SYS LED will indicate if a reboot request is in process