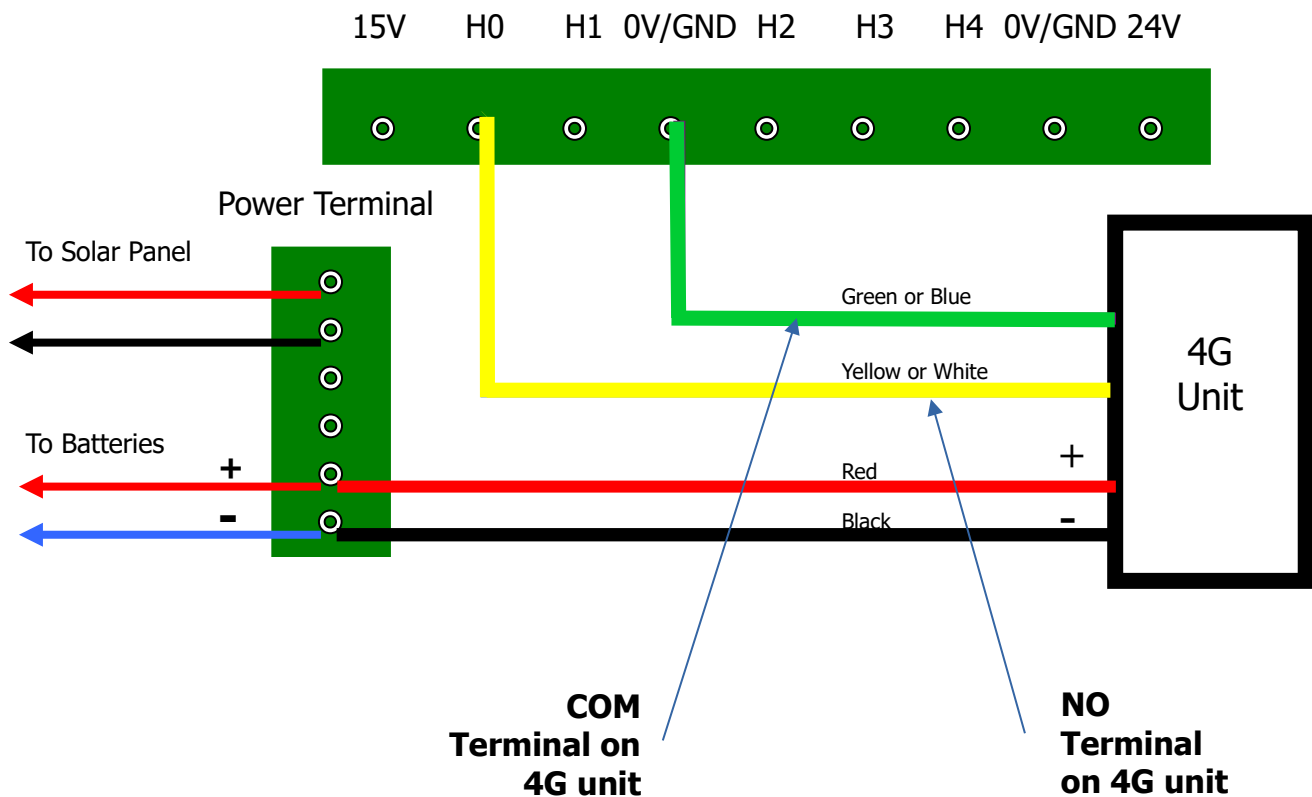


# ***SOLAR POWERED ELECTRIC GATE OPENERS***

## 4G Controller Wiring

Attach the colour coded wires to the terminal points as seen below. The **Green/Blue** (depending on the wire type provided) wire goes into the '0V/GRD' terminal and **Yellow/White** into 'H0'. Double check this is correct. The **Red** and **Black** wires go into the same terminals the gate opener battery wires. Please note polarity and match. Wire colours are for your reference only and may change with the type and brand of wire provided.



The module installs inside the control box for swing gate openers or in the battery box or under the sliding motor for sliding gate openers. Do not install unit exposed to the weather.

Requires standard sim card with voice, sms and mms capability. Data is not necessary.

## Initial Setup

After connecting power to the intercom, the unit will begin searching for a 4G mobile network signal. The light on the front should be flashing quickly (approx 4-5 times per second). Once connected successfully, the flashing light will slow down to on for 3 seconds and off for 3 seconds. If the light flashing changes not flashing, then the unit can not pick up a mobile network. Ensure the sim card has mobile reception with the network provided in your area, the sim card is in the unit properly and is activated with the network.

Once the unit is connected to the network, you must set the intercom's manager – the device that will be able to change settings on the intercom.

To set the manager's number, SMS the following command to the device using the phone that will be the manager. ie. Whatever phone number this code is sent from will be the manager of the device. Codes are case sensitive and without spaces.

1234#9#00\*#334455#

Once sent, the unit will sms back 'Set manager success' if successful.

Please note the default admin password is 1234. Each command starts with this password. If you change the admin password, then you must use that number at the start from then on. eg. If you change the admin password from 1234 to 9876 then the code would be like this 9876#9#00\*#334455#.

## Automatic Authorised Number Learning

The unit will only activate if an authorised number calls or SMS's the units phone number. As a default and to help get the phone numbers set up faster, the unit will automatically store the first 9 phone numbers that call the unit as an authorised number to activate the unit/gate. This setting can be changed with the codes below. ie. If the unit is called from phone number 0400 123 456 and is one of the first 9 phone numbers to initially call the unit, 0400 123 456 will automatically be stored as an authorised number to activate the unit/gate from that point. After the first 9 have been stored, the admin phone number will need to add phone numbers manually or adjust the automatic authorised number learning limit with the codes below (Default is set to 9 but can be adjusted from 001-190). Authorised numbers can be deleted as well with the codes below.

## Programming codes

Settings	Code to SMS (case sensitive and no spaces. Do not include "( )" when texting code)	SMS reply if successful
Set Authorised Number	(admin pwd)#3#(phone no)#	Set user success!
Change Admin Password	(admin pwd)#4#(New admin pwd)#	Set Password Successfully
Set Relay Activation Time (recommend not to change this setting)	(admin pwd)#5#(time for relay in seconds 01-99)#	Set Lock Delay Success
SMS code to activate gate (from any authorised number)	(admin pwd)#6#01#	Unlocking!
Delete Authorised Number	(admin pwd)#7#(phone no)#	Phone number deleted successfully!
Set automatic phone number saving quantity	(admin pwd)#8#(how many numbers, must be 3 digits 000-190)#  Note: 000 turn the automatic learning function off.	Successful starsup system!
Reset unit to factory settings and delete all numbers	(admin pwd)#REST#	OK!

Example of code setting a authorised phone number with admin password 1234 and phone number 0400123456.

1234#3#0400123456#

### To Activate Unit by Calling

Note: Only the admin phone number or an authorised number can activate the unit/gate. Other numbers will be rejected.

Once the user calls the units phone number, the unit will answer the call for approx 1 second and hang up while activating the unit.

### To Activate Unit by SMS

Note: Only the admin phone number or an authorised number can activate the unit/gate. Other numbers will be rejected.

SMS Code to units phone number - (admin pwd)#6#01#

If successful, the unit will activate and return a SMS saying "Unlocking!"