



# Grant GSD1 Differential Solar Controller

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## **PASSWORD INFORMATION - FOR THE INSTALLER ONLY!**

Please read this Addendum and use the information in conjunction with the corresponding sections of the Installation & User Instructions supplied with the controller.

After commissioning, please do NOT leave this information sheet with the user, but retain it for your own future reference.

### **Password Protection**

All the GSD1 controller parameters after P16 (refer to Section 7.4, page 17) are protected against tampering by a 4-digit password. Using parameters P15 and P16 you can enter the factory set password (0000) and then alter it to one only you will know.

### **To restore the factory settings (with password)**

If you wish to reset the controller to the factory settings, use the following procedure:

1. Enter the 'programming' mode – press and hold the push button for 2 seconds. Refer to section 3.3, page 5).
2. Set the display to 'P00' using the Adjustment dial. Refer to section 7.4, page 17.
3. Press button – Display will show P15 (0000). Enter password.
4. Set P00 to 1 – using the Adjustment dial.
5. Press button - display will show EEPr for a short period, then 33 4-00 and then 0.
6. Controller then automatically returns to OFF (display will show OFF).
7. Re-set parameter settings – as detailed in Section 7.3, page 16.
8. Password will be 0000 as before. Re-set password to a number only you know.
9. Set controller to 'Auto'.

**WARNING – A forgotten password cannot be restored. However, you can reset the controller to the factory settings without the password, using the following procedure, and then re-set the parameters and a new password.**

**To restore the factory settings (without password)**

If you wish to reset the controller to the factory settings, without the password, use the following procedure:

1. Enter the 'programming' mode – press and hold the push button for 2 seconds. Refer to section 3.3, page 5).
2. Interrupt the mains power supply to the controller for approximately 20 seconds (by switching off at fused spur or circuit breaker).
3. Press and hold the button when switching power on again.
4. Release button - display will show 33 4-00 for a short period, then EEPr and then 0.
5. Controller then automatically returns to OFF (display will show OFF).
6. Re-set parameter settings – as detailed in Section 7.3, page 16.
7. Password will be 0000 as before. Re-set password to a number only you know.
8. Set controller to 'Auto'.