

eds Solar Parking Barrier



Construction - Hollow tubular Section Steel

Safety - In case of an obstruction, the barrier will automatically stop, therefore preventing any damage.

Panel - Solar Barrier has a unique panel which can be personalized with inscriptions to suit.

Dimensions & Weight - Open - Height: 560mm, Width: 460mm, Depth: 330mm Closed - Height: 75mm, Width: 460mm, Depth: 580mm
Weight: 12 Kg Logo. Panel 60 cm²

Battery & Remote Control - Battery charge is guaranteed (15 hours recharge) 12/18 months in non-extreme climatic conditions with around 4 movements per day. Flashing light warns when battery needs to be recharged. The remote control receiver can memorize 10 remote controls, with additional remotes to suit.

Technical Notes - Barrier & and Box IP65 Rated. Electronic central unit IP67. Working temperature -15°C +85°C. Motor rid 1296 Couple 60Nm. Motor 6V. Battery 2x6V 7A (84W). Noise Level RX - 98 dbm. TX quartz 433.92Mhz 5' channels. Radio protocol 32 bit Max radio control. Number of channels = 10.

Assembly & Operating Instructions for Solar Barrier

IMPORTANT: Before using Solar Barrier it is necessary to unlock it with the key and remove the cover; next, remove the battery pack and charge it with the battery charger, until the indicator on the charger stays on (approximately 15 hours). (if the indicator light goes out after plugging in then the battery is charged).

Installation - Use the template sheet supplied, mark the ground with the location of the 10mm diameter holes for the mounting bolts; align the edge marked FRONT towards the direction of usual vehicle approach (i.e. when Parking). - Open Solar Barrier's cover with the key and bolt the unit base to the ground with Rawlbolts (not supplied) in concrete, brick or stone. If fixing to tarmac either use long chemical bolts or dig out the asphalt and fabricate a concrete pad and then use Rawlbolts. NOTE: Solar Barrier must remain lowered when under a vehicle.

Assembly - Ensure that any cables are not trapped under the battery pack, connect the battery connector with the central unit; ensuring that the polarisation is correct. Screw in the cable gland connector firmly but NOT with so much force that the thread is damaged. When fixed correctly the connection is IP68 rated. Close the cover ensuring that the cables are not routed over the battery pack or trapped in any other way. Lock the cover firmly. Mount the personalised aluminium name plate with the screws supplied

Programming - Solar Barrier factory settings are defaulted to use channel "1" of the Remote control supplied. - The maximum number of remote controls that can be used by any single Solar Barrier is 20. - In order to program other remote controls, simultaneously press keys "1" and "2" of any remote control that is already programmed into the unit; the indicator lamp is switches on. - Press the remote button that is going to be required to operate the Solar Barrier. The indicator flashes to indicate successful programming, and then goes out. Repeat the procedure for other Remote controls.

Operation Pressing the programmed button on the remote once initiates movement from lowered position to raised position (or vice versa). Whilst the arm is moving, the indicator lamp remains on, i.e. doesn't flash. However, when the battery capacity is reduced below a certain level, the indicator flashes slowly; as the battery becomes more discharged, the rate of flashing increases and the battery must be recharged. If the battery capacity is reduced to a level where it cannot move the arm, the indicator flashes rapidly. If left without charging any longer, the system will appear dead. If the arm encounters any resistance to movement due to an obstruction (person, vehicle, etc) it will stop moving and reverse the direction of travel.

Maintenance - Every five to six months (especially after rainy or snowy periods) ensure that there is not any debris or other foreign material on any of the moving parts. After removing any such material (usually with soap and water), the moving parts should be re-lubricated with Silicone or Teflon spray (Not ordinary grease).

Box Contents: 1x Solar Barrier unit, 2 x Keys for opening cover, 1 x Remote control (5 buttons), 1 x Battery Charger, 1 x Aluminium name plate, 4 x Bolts, 2 x Adhesive overlays, 1 x Cover, 1 x Template, 1 x Instruction, 1 x Guarantee.