



# GB Greenbox

INNOVATIVE | COMPACT | SUSTAINABLE



**INNOVATIVE** – high specification technology that allows you to control and monitor water levels via your computer.

**COMPACT** – everything fits in a manageable, self contained, low visual impact box. Easy installation due to a low 13kg weight.

**SUSTAINABLE** – on board batteries are charged by a small solar panel, all data is sent via the existing mobile phone network.

**EFFECTIVE** – remote water level control negates the need for manual visits, saving time, money and encourages a safer working environment



The GB Greenbox allows you complete control of your tilting weir. Water level sensors will keep the water within parameters that you can adjust at the click of a button. Everything is controlled and monitored via a secure website or integrated into your existing SCADA system, giving you power at your fingertips.



The compact size of the GB Greenbox makes it incredibly easy to install onto any ACE tilting weir, with no need for extra foundations. Its light weight, self-contained features mean installation is complete in less than 1 hour. It remains self sustainable with solar power and the existing mobile phone network, ensuring a virtually maintenance free product.

*Contents are accurate at the time of production, however are for illustration only. For critical technical information, please contact ACE for assistance.*

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**Aquatic Control Engineering** are market leaders of innovative water flow control, maintenance and fish passage equipment. We are proud to supply our customers with high quality, innovative solutions and high standard installation services for over 20 years.



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## Technical Specification



<b>Panel</b>	Stainless steel box in which all components are housed Painted in green RAL 6005
<b>Weight</b>	Exclusive of batteries 13kg
<b>Measurements</b>	400mm x 410mm x 190mm (W x L x H)
<b>Drive</b>	24 Volt 0.2A (without torque) / 1.0A (max drive requirement) Suitable for continuous use (S1) Revolutions per minute 6.5 (electric counter) Infinite adjustable torque for NM to Max 3 Torque options available 20Nm/40Nm/80Nm Simple mechanically adjustable end contact switches (up/down) Manual over-ride operation available
<b>Operation</b>	Controlled remotely Local Operation via up/down buttons Tamper-Switch included Gas-strut to allow safe opening and closing of panel Panel can be secured with a standard padlock
<b>Aerial</b>	GPRS aerial mounted to panel
<b>Batteries</b>	Standard 2 x 12V 12Ah (connected in series) Option to extend to 6 batteries (within panel) Weight per battery +5kg
<b>Level Sensor</b>	Standard: 1 x ultrasound level sensor in panel Optional: 2 x ultrasound level sensors, mounted up to 15m from greenbox
<b>Solar Panel</b>	24 Volt Panel generating 20Wp in power

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