



- 01 **Adaptable:** Powered by solar panel, ambient light, batteries, or optional 24V adapter
- 02 **Reliable:** Easy Retrieve™ memory backs up the full irrigation schedule
- 03 **Versatile:** Indoor plastic or outdoor plastic and stainless steel models with 6 or 12 stations

XC HYBRID WITH BUILT-IN SOLAR PANEL

Solar and Battery-Powered Controller That Delivers Power Without the Plug

The XC Hybrid Controller delivers extensive power without the plug. Built with highly efficient irrigation management features, the XC Hybrid operates DC-latching solenoids using a solar panel or battery power. XC Hybrid can also be powered with a 24 VAC plug-in adapter using DC-latching solenoids. Ready for both indoor or outdoor installations, the XC Hybrid is available in 6- and 12-station plastic or stainless steel models, meaning it's the right solution for a wide range of residential and commercial applications including residential areas, parks, gardens, roadway medians, and roundabouts. Easy Retrieve memory backup and on-board non-volatile memory provides assurance to easily recall the controller's watering programs.

The solar panel (built-in or add-on accessory options) eliminates the need for batteries and provides maintenance-free operation by harnessing the sun's energy or ambient light to fully power the controller 24/7 for years on end. This eco-friendly alternative is more sustainable and saves on battery costs.

XC HYBRID FEATURES & SPECIFICATIONS

Features & Benefits

Versatile Power Sources

Mounted Solar Panel version uses an 1800 mAh charging cell that provides 100% of the controller's power. Plastic version uses six AA batteries. Stainless version uses six C batteries. All models can use an optional 24 VAC plug-in adapter.

Easy Dial Programming

The same simple programming as other Hunter controllers.

Global Seasonal Adjustment (10% to 150%)

Simple on-screen adjustment balances watering to accommodate changing weather conditions.

Three Independent Programs with Four Start Times Each

Enables a wide range of watering requirements.

Independent Day Scheduling

Choose days of the week, true odd/even, or interval watering.

Rugged Cabinet Design

Ideal for both indoor and outdoor use, with models in 6- and 12-station configurations.

Non-Volatile Memory

Excellent insurance against unreliable power; retains current time, day, and program data.

Easy Retrieve Memory

The ability to retrieve your preferred program, stored in backup memory.

Models

PLASTIC INDOOR/OUTDOOR (XCH-600, XCH-1200)

Height: 22 cm
Length: 17.5 cm
Depth: 9.5 cm



STAINLESS STEEL OUTDOOR (XCH-600-SS, XCH-1200-SS)

Height: 25 cm
Length: 18.7 cm
Depth: 11 cm



STAINLESS STEEL SOLAR OUTDOOR (XCH-600-SSP, XCH-1200-SSP)

Height: 27 cm
Length: 19 cm
Depth: 11 cm



SOLAR PANEL OPTION (non-solar models) (SPXCH)

Height: 8.3 cm
Length: 7.6 cm
Depth: 1.6 cm



MOUNTING OPTIONS (stainless models) (XCHSPOLE)

Includes pole, bracket, and hardware

Height: 1.2 m

(XCHSPB)

bracket and hardware only



Stainless Steel Outdoor XC Hybrid with mounted Solar Panel and Pole



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Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.

Gene Smith, President, Landscape Irrigation
and Outdoor Lighting

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XC HYBRID

Effectively manage landscapes where electricity is unavailable with this economical battery-operated or solar-powered controller.

KEY BENEFITS

- Number of stations:
 - 6 or 12 (fixed models)
- 3 power options: AC power, battery, or solar panel compatible with ambient light
- Stainless steel enclosure protects against vandalism
- 3 programs with 4 start times each and up to 4-hour run times
- Suspend irrigation up to 99 days during the off-season
- Easy Retrieve™ Memory backs up the full irrigation schedule
- Delay Between Stations for slow-closing valves or pump recharge
- Seasonal adjustment for quicker schedule adjustments without changing run times
- Solar panel provides maintenance-free operation
- Mounts to flat surfaces or steel posts

OPERATING SPECIFICATIONS

- Plastic model operates six 1.5V AA alkaline batteries
- Stainless steel model operates six 1.5V C alkaline batteries
- Stainless steel solar model operates 1800 mAh solar panel with charging cell
- Solar panel includes 12 m of direct-burial wire
- Controller to solar panel: 30 m maximum 1 mm² direct-burial wire
- All models operate optional 24 VAC plug-in wall adapter:
 - 120 VAC P/N 526500
 - 230 VAC Australian P/N 545500
 - 230 VAC European P/N 545700
- Operates Hunter DC-Latching Solenoids
- Station output: 9-11 VDC
- P/MV output: 9-11 VDC
- Sensor inputs: 1 (wired rain, freeze, or wind only)
- Approvals: Plastic IP54 (outdoor), Stainless Steel IP24 (outdoor), UL, cUL, FCC, CE, RCM, ISED
- Warranty period: 2 years



Plastic
Height: 22 cm
Width: 18 cm
Depth: 10 cm



Stainless Steel
Height: 25 cm
Width: 19 cm
Depth: 11 cm



Stainless Steel Solar
Height: 27 cm
Width: 19 cm
Depth: 11 cm



SPXCH
Solar Panel Kit (optional)
Height: 8 cm
Length: 25 cm
Width: 8 cm



XCHSPB
Mounting bracket and hardware only (optional)



XCHSPOLE
Pole-Mounting Kit (optional)
Height: 1.2 m

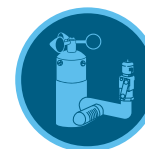
Compatible with:



**Mini-Clik
Sensor**



**Freeze-Clik
Sensor**



**MWS
Sensor**

XC HYBRID	
Model	Description
XCH-600	6-station battery controller
XCH-600-SS	6-station battery controller, stainless steel
XCH-600-SSP	6-station controller, stainless steel, with mounted solar panel
XCH-1200	12-station battery controller
XCH-1200-SS	12-station battery controller, stainless steel
XCH-1200-SSP	12-station controller, stainless steel, with mounted solar panel
DCREL2	Latching sensor relay switch for pumps
458200	DC-Latching Solenoid (for all Hunter valves)

MAXIMUM WIRE RUNS

Wire Size	Max. Distance (m)
1.0 mm ²	168
1.2 mm ²	265
1.6 mm ²	420
2.0 mm ²	670