

The xantrex logo is displayed in white lowercase letters on a dark blue background. The background of the entire page is a photograph of three workers installing solar panels on a roof under a clear blue sky. The workers are wearing safety harnesses and various work clothes. The solar panels are blue with silver frames and are being laid out on a wooden roof structure.

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# Xantrex XW System Quick Start Guide to Purchasing

The xantrex logo and tagline are positioned in the bottom right corner. The logo is in white lowercase letters, and the tagline "Smart choice for power" is in a smaller white font below it. The background for this text is a dark blue gradient that matches the top of the page.

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# XW System Component Overview



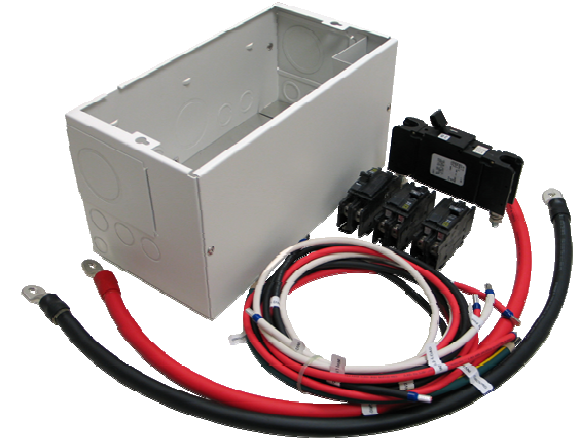
## • XW INVERTER/CHARGER

- **XW6048-120/240-60**
  - p/n: 865-1000
  - MSRP = \$4500
- **XW4548-120/240-60**
  - p/n: 865-1005
  - MSRP = \$3600
- **XW4024-120/240-60**
  - p/n: 865-1010
  - MSRP = \$3250



## • XW-POWER DISTRIBUTION PANEL

- p/n: 865-1015
- MSRP = \$1500



## • XW-CONNECTION KIT FOR INV2

- p/n: 865-1020
- MSRP = \$750

## • XW- SYSTEM CONTROL PANEL

- p/n: 865-1050
- MSRP = \$300



## • XW- CONDUIT BOX

- p/n: 865-1025
- MSRP = \$175



## Solar Charge Controller



## • XW-AUTO GENERATOR START

- p/n: 865-1060
- MSRP = \$200



## DC BREAKER MASTER PACKS

### • QTY 6, 250A DC BREAKER, 160VDC, STUD TERMINAL, PANEL MOUNT UL/CSA

- p/n: 865-1065
- MSRP = \$700

### • QTY 12, 80A DC BREAKER, 125VDC, PANEL MOUNT UL/CSA

- p/n: 865-1070
- MSRP = \$300

### • QTY 48, 60A DC BREAKER, 160VDC, PANEL MOUNT UL/CSA

- p/n: 865-1075
- MSRP = \$1200

## • XW-MPPT60-150

- p/n: 865-1030
- MSRP = \$650

The logo for Xantrex, featuring the word "xantrex" in a white, lowercase, sans-serif font on a dark blue background.A photograph showing three workers on a roof installing solar panels. One worker in a red shirt is leaning over a panel, another in a white shirt is kneeling nearby, and a third in a green shirt is in the foreground. The sky is clear and blue.

## Xantrex XW System Example Systems

The Xantrex logo and tagline, "xantrex" in a white, lowercase, sans-serif font, with the tagline "Smart choice for power" in a smaller, white, lowercase, sans-serif font below it, all set against a dark blue background.

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## 6kW Xantrex XW System with Solar

<u>Part No</u>	<u>Description</u>	<u>MSRP</u>	<u>Qty</u>	<u>Total MSRP</u>
865-1000	XW6048-120/240-60	\$ 4,500	1	\$ 4,500
865-1015	XW-POWER DISTRIBUTION PANEL	1,750	1	1,750
865-1050	XW-SYSTEM CONTROL PANEL	300	1	300
865-1030	XW-MPPT60-150	650	2	1,300
865-1070*	BREAKER 80A, 125VDC, PANEL MOUNT, UL/CSA	25	2	50
865-1075*	BREAKER 60A, 160VDC, PANEL MOUNT, UL/CSA	25	2	50
				<u>\$ 7,950</u>

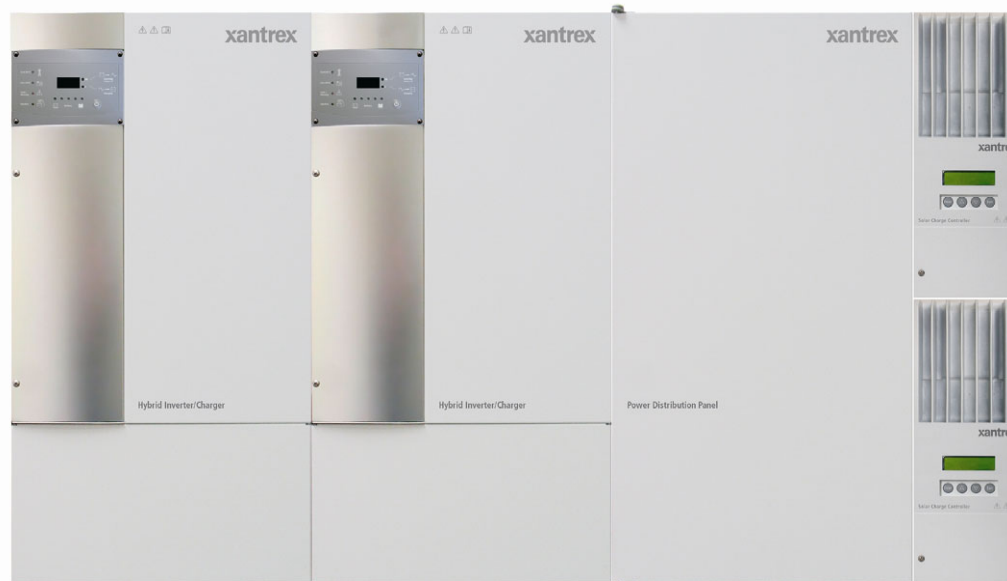
\* Breakers supplied in Master Pack quantities.



# 12kW Xantrex XW System with Solar

<u>Part No</u>	<u>Description</u>	<u>MSRP</u>	<u>Qty</u>	<u>Total MSRP</u>
865-1000	XW6048-120/240-60	\$ 4,500	2	\$ 9,000
865-1015	XW-POWER DISTRIBUTION PANEL	1,750	1	1,750
865-1020	XW-CONNECTION KIT FOR INV2	750	1	750
865-1050	XW-SYSTEM CONTROL PANEL	300	1	300
865-1030	XW-MPPT60-150	650	2	1,300
865-1070*	BREAKER 80A, 125VDC, PANEL MOUNT, UL/CSA	25	2	50
865-1075*	BREAKER 60A, 160VDC, PANEL MOUNT, UL/CSA	25	2	50
				<u>\$ 13,200</u>

\* Breakers supplied in Master Pack quantities.





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# Xantrex XW System Components Key Features & Benefits

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## XW Hybrid Inverter/Charger

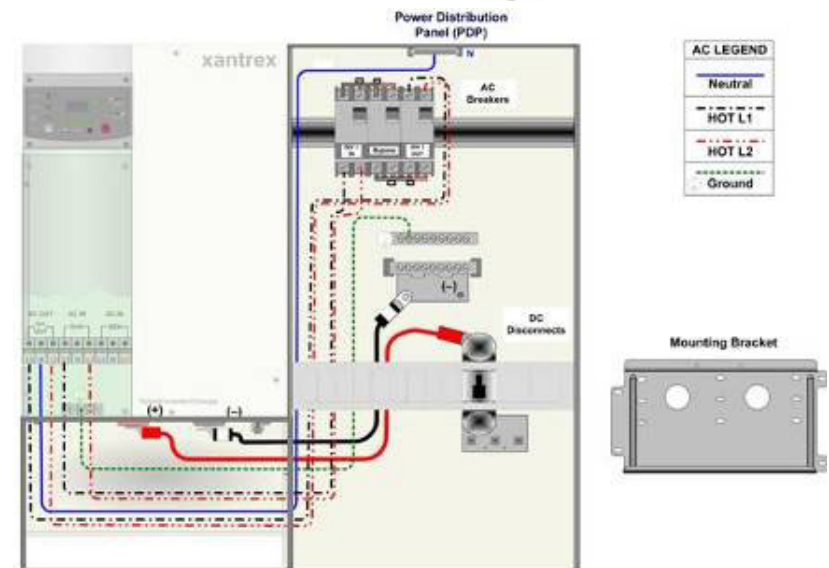
- Designed for **any** application - Off-grid, Backup, Grid-Interactive with Battery Backup
- 120/240V split phase, sine wave output
- Un-matched surge performance
- Power factor corrected, high-efficiency battery charger
- Configurable for multi-unit installations
- Xanbus™ network enabled





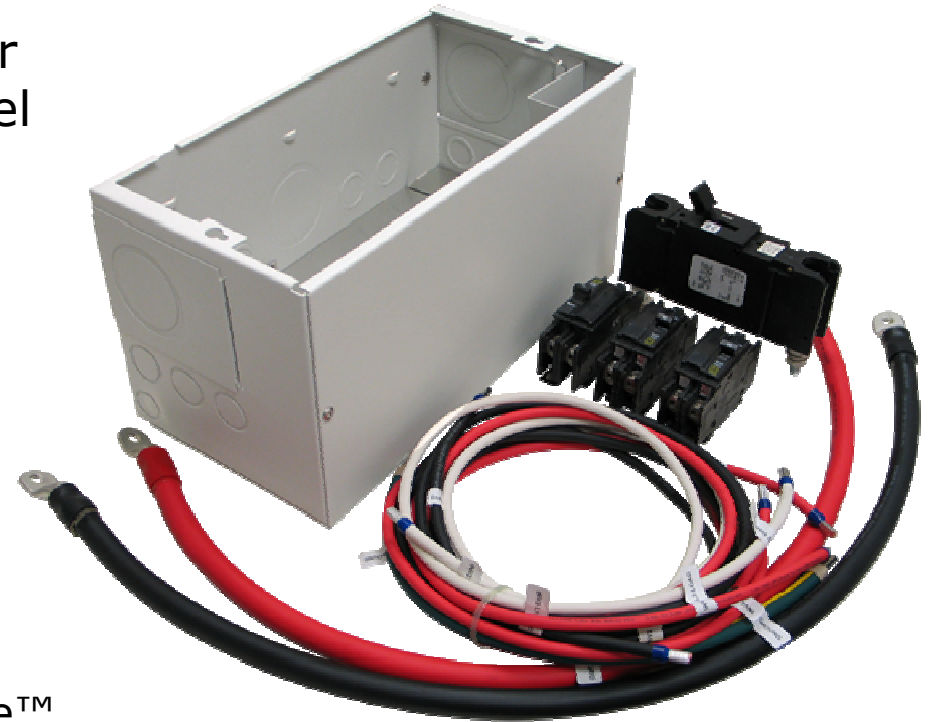
## XW Power Distribution Panel

- Saves significant time and money during installation – takes ¼ the time of competing solutions
- Includes all breakers and wiring for one XW inverter/charger
  - 60A AC Breakers for input, output and bypass and one 250A DC breaker
  - Arctic Ultraflex Blue™ wiring factory installed and labeled, ready to connect
  - Conduit Box & Mounting Bracket
- Room to add more equipment
  - Up to three XW Inverter/Chargers
  - Up to four XW or C-Series charge controllers
- Designed for field flexibility
  - Mount on left or right side of inverter
  - Numerous knockouts on top, bottom, sides and back



## XW Connection Kit for 2<sup>nd</sup> Inverter

- Includes all parts and wiring to add second XW inverter/charger into XW Power Distribution Panel
  - DC connections and wiring
    - 250 A DC Breaker
    - 4/0 DC Arctic Ultraflex Blue™ wiring (+ & -) to inverter
  - AC connections and wiring
    - AC Input/Bypass Switch assembly
    - 60 A AC breaker for inverter output
    - 6AWG AC Arctic Ultraflex Blue™ wiring from inverter to breakers
  - Conduit Box
  - Sync & Xanbus cables



## XW Conduit Box

- Bare conduit box
- For systems larger than 2 inverters
- To retrofit inverters into existing systems which may have AC/DC disconnects



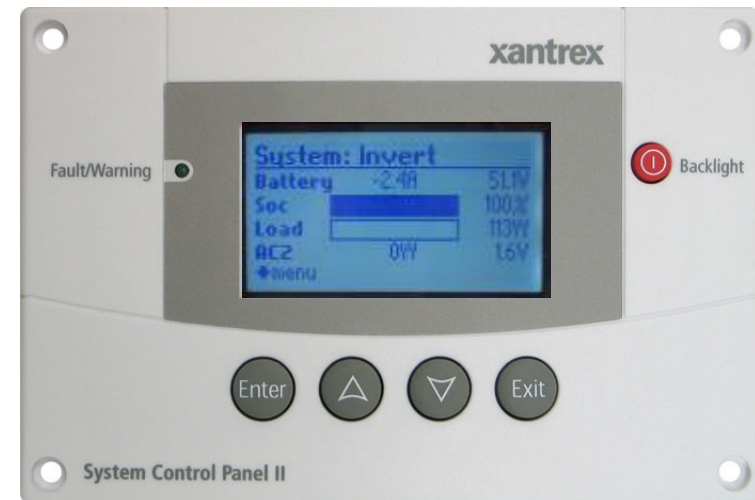
## XW Solar Charge Controller



- Integrate with other XW System components or install in a stand-alone application
- Dynamic maximum power point tracking (MPPT) maximizes energy harvest
- 60 Amp Max Charge Rate
- Array voltage:  $V_{batt}$  to  $150V_{oc}$
- Battery voltage: 12 to 60VDC
- Convection cooled, no derating  $< 45^{\circ}C$
- Built-in PV Ground Fault Protection
- Xanbus™ Network Enabled
  
- On-line PV array sizing tool available at [www.xantrex.com/support/xwsizing](http://www.xantrex.com/support/xwsizing)

## XW System Control Panel

- Central user interface
  - Communicates with all components connected to the Xanbus™ network
- System Configuration
  - Common settings can be copied from other devices in system
  - Can be used to configure system then removed to prevent end-user tampering
- System Monitoring
  - Aggregates and displays most important system parameters on the main screen
  - Drill down to see component level information



### Features:

- Graphical 128x64 pixel, backlit LCD screen
- Large, tactile keypad buttons
- Intuitive onscreen menu system (basic & advanced)
- Xanbus™ Network Enabled

## XW Auto Generator Start

- Intelligent power management
  - Automatically activates generator to provide power to recharge depleted battery bank or power heavy loads
- Comprehensive customizable triggers
  - Low battery voltage
  - High inverter load
  - Thermostat signal
  - Exercise period
  - Max run-time, quiet time
- Compatible with popular generators
  - 2 or 3 wire start control, AC or DC



### Features:

- LED's display status at-a-glance
- 20-contact generator connector and three built-in relays support 13 preset generator configurations
- Built-in emergency shutdown
- Xanbus™ Network Enabled

## XW Series Service & Warranty Support

- All XW Series Components come standard with a 5-year warranty
- Xantrex Quick-Swap program
  - Return XW Charge Controller directly to Xantrex for exchange
  - Board level replacements for XW Inverter/charger
  - \$75 installer removal/re-installation/board swap fee payable to **Energy Club Members** for warrantable failures