# xantrex

# Xantrex XW Hybrid Inverter/Charger

The NEXT generation inverter/charger for renewable energy systems and backup power applications



Xantrex brings the next generation of inverter/charger to market, with the XW Hybrid Inverter/Charger, the heart of the XW System. The XW Hybrid Inverter/Charger (XW) is a true sine wave, 120/240-volt AC, split-phase, inverter/charger that incorporates a DC to AC inverter, a battery charger, and an AC auto-transfer switch. It is the foundation for battery- based residential and commercial applications up to 18 kilowatts (kW). Capable of being grid-interactive or grid-independent, the XW can operate with generators and renewable energy sources to provide full-time or backup power.

Designed with consultation and input from industry experts, dealers, and installers, the XW sets a new standard for battery-based inverter/chargers. Integrating the best features available in the market, innovative new features by Xantrex and balance-of-systems components, the XW Hybrid Inverter/Charger's design makes installation quicker and easier. The XW offers high efficiency and unprecedented surge capacity to maximize the owner's return on investment. No other inverter/charger looks or performs like the XW.

#### XW Series Inverter / Charger Features:

- ▶ True sine wave output
- ▶ 120/240 volt AC spilt-phase operation
- Dual AC inputs
- Integrated design to minimize external balance-of-system components
- XanBus<sup>™</sup>-enabled network communication
- Certified to UL1741 and CSA for utility-interactive applications
- Unprecedented surge capacity
- Efficient, power factor corrected, high-current, multistage battery charging

#### **Optional Accessories:**

Item	Part Number
➤ XW Power Distribution Panel	865-1015
XW Connection Kit for Second Inverter	865-1020
XW Conduit Box	865-1025
XW Solar Charge Controller	865-1030
XW System Control Panel	865-1050
XW Automatic Generator Start	865-1060

## **Xantrex Technology Inc.**

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For more information on the XW Series System please visit www.xantrex.com/xw



### XW Series Hybrid Inverter/Charger

Surge rating (10 seconds)  12,000 W  Surge current  L-N: 105 Arms (7 sec) L-L: 40 Arms (20 sec)  Waveform  True sine wave  Low-load efficiency  95%  Idle consumption - search mode  AC connections  AC connections  AC toltage  120/240 Vac split-phase  AC input breaker  60 A two-pole  Utility interactive  Yes  CEC weighted efficiency  92.5%  CEC weighted efficiency  92.5%  CEC power rating  AC input voltage range (bypass/charge mode)  AC input frequency range (bypass/charge mode)  AC input voltage range - Sell mode  (automatically adjusts when entering Sell mode)*  AC output voltage range - Sell mode  (automatically adjusts when entering Sell mode)*  AC output voltage  AC output voltage  AC output frequency ange - Sell mode  (automatically adjusts when entering Sell mode)*  AC output voltage  AC output voltage  L-N: 108 - 130 +/ - 1.5 Vac; L-L: 214 - 260 +  (automatically adjusts when entering Sell mode)*  AC output voltage  AC output frequency  60.0 +/-0.1 Hz  DC current at rated power  130 A  Total harmonic distortion  AS Secondary  Total harmonic distortion  AUTOMARY  A	XW4548-120/240-60 4500 W 9000 W L-L: 52.5 Arms (7 sec) L-N: 70 Arms (20 sec) True sine wave	XW4024-120/240-60 4000 W	
Surge rating (10 seconds)  Surge current  LN: 105 Arms (7 sec) L-L: 40 Arms (20 sec)  Waveform  True sine wave  Low-load efficiency  95%  Idle consumption - search mode  AC connections  AC connections  AC connections  AC input breaker  60 A two-pole  Utility interactive  Yes  CEC weighted efficiency  20.5%  CEC power rating  5752 W  AC input requency range (bypass/charge mode)  AC input requency range (bypass/charge mode)  AC input requency range (bypass/charge mode)  AC input voltage (bypass/charge mode)  AC output frequency  AC output	9000 W L-L: 52.5 Arms (7 sec) L-N: 70 Arms (20 sec)	4000 W	
Surge current L-N: 105 Arms (7 sec) L-1: 40 Arms (20 sec) Waveform True sine wave Low-load efficiency 95% Idle consumption - search mode AC contage 120/240 Vac split-phase AC contage 120/240 Vac split-phase AC contage AC input breaker AC input voltage and breaker AC intreaker breaker AC output breaker AC input voltage AC input voltage frominal) AC input voltage frominal AC i	L-L: 52.5 Arms (7 sec) L-N: 70 Arms (20 sec)		
L-L: 40 Arms (20 sec)  Waveform True sine wave Low-load efficiency 95%  Idle consumption - search mode AC connections AC voltage AC connections AC voltage 120/240 Vac split-phase AC input breaker  GEC weighted efficiency 92.5% CEC power rating AC input frequency range (bypass/charge mode) AC input frequency range (bypass/charge mode) AC input frequency range (bypass/charge mode) AC 1 voltage range - Sell mode (automatically adjusts when entering Sell mode)* AC1 frequency range (sypass/charge mode) AC2 output voltage range - Sell mode (automatically adjusts when entering Sell mode)* AC3 output frequency range (bypass/charge mode) AC4 output frequency range (sypass/charge mode) AC5 - 65 Hz (default); 44 - 70 Hz (allowable) AC6 output voltage ange - Sell mode (automatically adjusts when entering Sell mode)* AC7 output frequency G0.0 +/-0.1 Hz AC8 output frequency G0.0 +/-0.1 Hz DC current at rated power G130 A Coutput frequency G10 - 4 - 60.4 +/- 3%; L-L: 240 Vac +/- 3%; AC9 output voltage AC9 output voltage C10 - 4 - 60.4 +/- 3%; C11 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	L-N: 70 Arms (20 sec)	8000 W	
Waveform True sine wave  Low-load efficiency 95%  Idle consumption - search mode < 8 W  AC connections AC1 (Grid), AC2 (Generator)  AC voltage 1202/40 Vac split-phase  AC input breaker 60 A two-pole  Wes  CECE weighted efficiency 92.5%  CECE weighted efficiency 92.5%  CECE power rating 5752 W  AC input voltage range (bypass/charge mode) L-N: 80 - 150 Vac (120 V nominal); L-L: 160  AC input requency range (bypass/charge mode) L-N: 80 - 150 Vac (120 V nominal); L-L: 160  AC input requency range (bypass/charge mode) L-N: 108 - 130 +/- 1.5 Vac; L-L: 214 - 260 + (automatically adjusts when entering Sell mode)*  AC1 requency range – Sell mode (automatically adjusts when entering Sell mode)*  AC output frequency of the sell		L-N: 75 Arms (20 sec) L-L: 35 Arms (20 sec)	
Low-load efficiency  dide consumption - search mode  AC contage  AC contage  AC contage  AC coltage  AC coltage  AC coltage  AC input breaker  AC input voltage efficiency  ST52 W  AC input voltage range (bypass/charge mode)  AC input frequency range (bypass/charge mode)  AC output voltage range – Sell mode (automatically adjusts when entering Sell mode)*  AC output voltage and equatomatically adjusts when entering Sell mode)  AC output voltage  AC output voltage  AC output requency  Courrent at rated power  Total harmonic distortion  AUTO input voltage (nominal)  DC input voltage (nominal)  SOA Vdc  DC input voltage (nominal)  DC input voltage (nominal)  DC input voltage (nominal)  SOA Vdc  DC input voltage (nominal)  DC input voltage (nominal)  SOA Vdc  DC input voltage (nominal)  DC input voltage (nominal)  SOA Vdc  DC input voltage (n	True SITIE WAVE	True sine wave	
AC connections AC1 (Grid), AC2 (Generator)  AC voltage 120/240 Vac split-phase AC voltage 120/240 Vac split-phase AC voltage 60 A two-pole  Utility interactive 7es  CEC power rating 5752 W  AC input brequency range (bypass/charge mode) AC1 input requency range (bypass/charge mode) AC2 input voltage range − Sell mode AC3 input requency range (bypass/charge mode) AC4 input grange − Sell mode AC4 input grange − Sell mode AC6 input grange − Sell mode AC7 voltage range − Sell mode AC8 input requency range (bypass/charge mode) AC8 input voltage − Sell mode AC9 input voltage − Sell mode AC1 frequency Fig. − Sell mode AC2 output voltage − Sell mode) AC3 input requency range (bypass/charge mode) AC6 output voltage − Sell mode) AC7 output roltage − Sell mode) AC8 output voltage − Sell mode) AC9 − Sell mode − Sell mode) AC9 − Sell mode − Sell mode) AC9 − Sell mode − Sell mode − Sell mode) AC9 − Sell mode − Sell mode − Sell mode) AC9 − Sell mode − Sel	95%	95%	
AC connections AC voltage 120/240 Vac split-phase 60 A two-pole  Zillitij interactive Yes  ZEC weighted efficiency 92.5%  ZEC power rating 5752 W  AC input voltage range (bypass/charge mode) AC input voltage range - Sell mode automatically adjusts when entering Sell mode)* AC output voltage AC output frequency AC output frequency AC output frequency AC output frequency AC output voltage AC output frequency AC output frequency AC output voltage AC output voltage AC output frequency AC output frequenc	< 8 W	< 8 W	
AC input breaker  AC input breaker  AC input woltage fficiency  Pes  S752 W  AC input voltage range (bypass/charge mode)  AC input frequency range – Sell mode  AC input frequency range – Sell mode  AC to voltage range – Sell mode  automatically adjusts when entering Sell mode)*  AC output voltage  AC output voltage  AC output voltage  AC output frequency  AC output frequency  AC output transfer relay  AC output transfer relay  AC output voltage  AC output frequency  AC output voltage  AC output voltage  AC output voltage  AC output voltage  AC output frequency  AC output voltage  AC output frequency	AC1 (Grid), AC2 (Generator)	AC1 (Grid), AC2 (Generator)	
Utility interactive Yes  IEC weighted efficiency 92.5%  IEC power rating 5752 W  AC input voltage range (bypass/charge mode)  ACI voltage range - Sell mode L-N: 108 - 130 Vac (120 V nominal); L-L: 160  ACI voltage range - Sell mode L-N: 108 - 130 +/- 1.5 Vac; L-L: 214 - 260 + automatically adjusts when entering Sell mode)*  ACI frequency range - Sell mode automatically adjusts when entering Sell mode)*  ACI output voltage L-N: 100 Vac +/- 3%; L-L: 240 Vac +/- 3%  ACI output voltage L-N: 120 Vac +/- 3%; L-L: 240 Vac +/- 3%  AC output voltage L-N: 120 Vac +/- 3%; L-L: 240 Vac +/- 3%  AC output outgage L-N: 130 A  Fotal harmonic distortion < 5%  Automatic transfer relay 60 A  AUtomatic transfer relay 8 ms  DC input voltage (nominal) 50.4 Vdc  DC input voltage range 44 - 64 Vdc  Maximum continuous charge rate 100 A  Efficiency at maximum charge rate 89.4%  Power factor corrected charging 9.98  Emissions FCC Class B  Multiple-unit configurations Up to three parallel units in 120/240-volt specifications  Multiple unit configurations Up to three parallel units in 120/240-volt specifications  Mounting Wall mount, backplate included  Non-volatile memory Yes  System network Xanbus™ (publish-subscribe network, no not three weight 125 lb (57 kg)  Shipping dimensions (H x W x D) 23 x 16 x 9" (580 x 410 x 230 mm)  Therefore the present of the status, faults/wa or charge current, fault/warning codes. On/  Battery temperature sensor Included  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Battery temperature sensor Included  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Battery temperature sensor Included  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Battery temperature sensor Included  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Battery temperature sensor Included  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. O	120/240 Vac split-phase	120/240 Vac split-phase	
EEC weighted efficiency  29.5%  EEC power rating  AC input voltage range (bypass/charge mode)  AC input frequency range (bypass/charge mode)  AC input frequency range (bypass/charge mode)  AC input frequency range – Sell mode automatically adjusts when entering Sell mode)*  AC of trequency range – Sell mode automatically adjusts when entering Sell mode)*  AC output voltage  AC output voltage  AC output frequency  AC output f	60 A two-pole	60 A two-pole	
AC input voltage range (bypass/charge mode) AC input voltage range (bypass/charge mode) AC input trequency range (bypass/charge mode) AC input frequency range (bypass/charge mode) AC input frequency range (bypass/charge mode) AC in voltage range – Sell mode automatically adjusts when entering Sell mode)* ACI frequency range – Sell mode automatically adjusts when entering Sell mode)* ACI output voltage ACI output voltage ACI output frequency ACI o	Yes	Yes	
AC input voltage range (bypass/charge mode) AC input frequency range (bypass/charge mode) AC input frequency range (bypass/charge mode) AC input frequency range (bypass/charge mode) AC 1 voltage range − Sell mode automatically adjusts when entering Sell mode)*  ACI frequency range − Sell mode automatically adjusts when entering Sell mode)*  ACI output voltage AC output voltage AC output frequency AC output voltage AC output frequency AC output voltage AC output frequency AC output frequency AC output frequency AC output frequency AC output voltage AC output frequency AC output f	93%	91%	
AC input frequency range (bypass/charge mode) AC 1 voltage range — Sell mode AC 1 voltage range — Sell mode AC 1 voltage range — Sell mode AC 2 to voltage range — Sell mode AC 2 to voltage range — Sell mode AC 3 to voltage Sell mode)* AC 4 to voltage AC 5 to voltage Sell mode)* AC 5 to voltage Sell mode) AC 5 to voltage Sell mode) AC 5 to voltage Sell mode) AC 6 to voltage Sell mode) AC 7 to voltage Sell mode) AC 8 to voltage Sell mode) AC 9 to voltage Sell mode) AC 10 to	4500 W	4000 W	
L-N: 108 - 130 +/- 1.5 Vac; L-L: 214 - 260 + automatically adjusts when entering Sell mode)*  ACI frequency range - Sell mode automatically adjusts when entering Sell mode)*  AC output voltage  AC output voltage  AC output frequency  AC ou	270 Vac (240 V nominal)		
automatically adjusts when entering Sell mode)* ACT frequency range – Sell mode automatically adjusts when entering Sell mode)* ACC output voltage  L-N: 120 Vac +/- 3%; L-L: 240 Vac +/- 3% ACC output frequency  CC current at rated power  Cotal harmonic distortion Automatic transfer relay  CC input voltage (nominal)  CC input voltage (nominal)  CC input voltage (nominal)  CC input voltage range  44 - 64 Vdc  Maximum continuous charge rate  Efficiency at maximum charge rate  Sower factor corrected charging  Converlation from the parallel units in 120/240-volt sp  Auxiliary relay output  CO-12 Vdc, maximum 250 mA DC  Non-volatile memory  Yes  System network  Machanical Specifications  Mounting  Wall mount, backplate included  noverter dimensions (H x W x D)  noverter weight  125 lb (57 kg)  Shipping dimensions  Shipping weight  132 lb (60 kg)  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/ Battery temperature sensor  Included  Five years  Senciosure type  NEMA Type 1 – Indoor (sensitive electronic  Caccessories  Remote display  Optional XW System Control Panel monitor	55 - 65 Hz (default); 44 - 70 Hz (allowable)		
ACT frequency range — Sell mode automatically adjusts when entering Sell mode)*  AC output voltage  AC output frequency  CC current at rated power  Gotal harmonic distortion  AC output voltage  AC output voltage  AC output frequency  CC current at rated power  Gotal harmonic distortion  AC output frequency  CC current at rated power  Gotal harmonic distortion  AC output distortion  AC output voltage (nominal)  CC input voltage (nominal)  CC input voltage (nominal)  CC input voltage range  AC output voltage range  AC output voltage range  AC output voltage (nominal)  CC input voltage range  AC output voltage range  AC output voltage (nominal)  CC output voltage (nominal)  CC output voltage range  AC output voltage (nominal)  CC output voltage range  AC output voltage range  AC output voltage (nominal)  CC output voltage (nominal)  CC output voltage range  AC output voltage (nominal)  SO.4 Vdc  AC output	- 3.0 Vac		
AC output frequency  Courrent at rated power  Courrent at power  Courrent at rated power  Courr			
Total harmonic distortion			
Total harmonic distortion  Automatic transfer relay  Auxomatic transfer to Auxomatic transfer relay  Auxomatic transfer r			
Automatic transfer relay  fypical transfer time  Ciriput voltage (nominal)  Ciriput voltage (nominal)  Ciriput voltage range  44 - 64 Vdc  Maximum continuous charge rate  100 A  Cifficiency at maximum charge rate  Power factor corrected charging  Ciriput voltage range  Multiple-unit configurations  FCC Class B  Multiple-unit configurations  Up to three parallel units in 120/240-volt sp  Auxiliary relay output  Von-volatile memory  Yes  System network  Mechanical Specifications  Mounting  Wall mount, backplate included  noverter dimensions (H x W x D)  23 x 16 x 9" (580 x 410 x 230 mm)  noverter weight  Shipping dimensions  28 x 22 ½ x 10 ½" (711 x 565 x 267 mm)  Shipping weight  132 lb (60 kg)  Cisplay panel  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Status Leds indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Status Leds in dicate AC In status, faults/wa or charge current, fault/warning codes. On/  Status Leds in dicate AC In status, faults/wa or charge current, fault/warning codes. On/  Status Leds in dicate AC In status, faults/wa or charge current, fault/warning codes. On/  Status Leds in dicate AC In status, faults/wa or charge current, fault/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC In status, faults/warning codes. On/  Status Leds in dicate AC I	96 A	178 A	
Typical transfer time  DC input voltage (nominal)  DC input voltage (nominal)  DC input voltage range  44 - 64 Vdc  Maximum continuous charge rate  100 A  Efficiency at maximum charge rate  Power factor corrected charging  Emissions  FCC Class B  Multiple-unit configurations  Multiple-unit configurations  Up to three parallel units in 120/240-volt sp  Auxiliary relay output  0-12 Vdc, maximum 250 mA DC  Non-volatile memory  Yes  Wanbus™ (publish-subscribe network, no nominate of the parallel units in 120/240-volt sp  Wall mount, backplate included  Inverter dimensions (H x W x D)  23 x 16 x 9" (580 x 410 x 230 mm)  Inverter weight  Shipping dimensions  28 x 22 ¼ x 10 ½" (711 x 565 x 267 mm)  Shipping weight  Display panel  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Battery temperature sensor  Included  Environmental Specifications  Enclosure type  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  Optional XW System Control Panel monitor			
DC input voltage (nominal)  DC input voltage range  44 - 64 Vdc  Maximum continuous charge rate  100 A  Efficiency at maximum charge rate  89.4%  Power factor corrected charging  Emissions  Multiple-unit configurations  Multiple-unit configurations  Muxiliary relay output  0-12 Vdc, maximum 250 mA DC  Non-volatile memory  Yes  Wechanical Specifications  Mounting  Wall mount, backplate included  Inverter dimensions (H x W x D)  Inverter weight  Shipping dimensions  Shipping dimensions  Shipping weight  Display panel  Status LEDs indicate AC In status, faults/warning codes. On/  Battery temperature sensor  Enclosure type  Part number  Benclosure type  NEMA Type 1 − Indoor (sensitive electronic charges remote display)  Optional XW System Control Panel monitor  Accessories  Remote display  Optional XW System Control Panel monitor			
DC input voltage range  44 - 64 Vdc  Maximum continuous charge rate  100 A  Efficiency at maximum charge rate  89.4%  Power factor corrected charging  0.98  Emissions  FCC Class B  Multiple-unit configurations  Up to three parallel units in 120/240-volt sp  Auxiliary relay output  0-12 Vdc, maximum 250 mA DC  Non-volatile memory  Yes  System network  Mechanical Specifications  Mounting  Nounting  Nount			
Maximum continuous charge rate  ### Multiple-unit configurations  ### Multiple-unit con	50.4 Vdc	25.2 Vdc	
### Sefficiency at maximum charge rate ### Sower factor corrected charging ### Sower factor corrected ### Sower factor corrected charging ### Sower factor charging ### Sower factor charging ### Sower factor ch	44 - 64 Vdc	22 - 32 Vdc	
Tower factor corrected charging  Tower factor charge current in 120/240-volt space of the correct charge cha	85 A	150 A	
FCC Class B  Multiple-unit configurations  Multiple-unit configurations  Multiple-unit configurations  Multiple-unit configurations  Multiple-unit configurations  Multiple-unit configurations  Mon-volatile memory  Yes  Wall mount, backplate included  Mechanical Specifications  Mounting  Wall mount, backplate included  Neverter dimensions (H x W x D)  123 x 16 x 9" (580 x 410 x 230 mm)  Noverter weight  Shipping dimensions  Shipping weight  125 lb (57 kg)  Shipping weight  132 lb (60 kg)  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Stattery temperature sensor  Included  Standard warranty  Five years  Part number  Enclosure type  NEMA Type 1 − Indoor (sensitive electronic operational temperature range  Accessories  Remote display  Optional XW System Control Panel monitor	90.2%	85.8%	
Multiple-unit configurations  Auxiliary relay output  O-12 Vdc, maximum 250 mA DC  Non-volatile memory  Yes  Machanical Specifications  Mounting	0.98	0.98	
Auxiliary relay output  O-12 Vdc, maximum 250 mA DC  Non-volatile memory  System network  Wechanical Specifications  Mounting  Wall mount, backplate included  niverter dimensions (H x W x D)  123 x 16 x 9" (580 x 410 x 230 mm)  niverter weight  125 lb (57 kg)  Shipping dimensions  28 x 22 ⅓ x 10 ⅓²" (711 x 565 x 267 mm)  Shipping weight  132 lb (60 kg)  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Battery temperature sensor  Included  Standard warranty  Five years  Part number  Enclosure type  NEMA Type 1 − Indoor (sensitive electronic operational temperature range  Accessories  Remote display  Optional XW System Control Panel monitor	FCC Class B	FCC Class B	
Yes  Wanbus™ (publish-subscribe network, no not was presented by the presentations)  Wall mount, backplate included  Noverter dimensions (H x W x D)  Noverter weight  Shipping dimensions  Shipping weight  Display panel  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/Battery temperature sensor  Standard warranty  Five years  Part number  Enclosure type  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  Accessories  Remote display  Optional XW System Control Panel monitor	lit-phase configuration		
Mechanical Specifications  Mounting  Wall mount, backplate included  nverter dimensions (H x W x D)  123 x 16 x 9" (580 x 410 x 230 mm)  nverter weight  125 lb (57 kg)  Shipping dimensions  28 x 22 ⅓ x 10 ⅓" (711 x 565 x 267 mm)  Shipping weight  132 lb (60 kg)  Display panel  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Battery temperature sensor  Included  Standard warranty  Five years  Part number  865-1000  Environmental Specifications  Enclosure type  NEMA Type 1 − Indoor (sensitive electronic operational temperature range  -13 to 158 °F (-25 to 70 °C)  Accessories  Remote display  Optional XW System Control Panel monitor			
Mechanical Specifications  Mounting Wall mount, backplate included nverter dimensions (H x W x D) 123 x 16 x 9" (580 x 410 x 230 mm) nverter weight 125 lb (57 kg) Shipping dimensions 28 x 22 ½ x 10 ½" (711 x 565 x 267 mm) Shipping weight 132 lb (60 kg) Display panel Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/ Battery temperature sensor Included Standard warranty Five years Part number 865-1000  Environmental Specifications Enclosure type NEMA Type 1 – Indoor (sensitive electronic Operational temperature range -13 to 158 °F (-25 to 70 °C)  Accessories Remote display Optional XW System Control Panel monitor	Yes	Yes	
Mounting Wall mount, backplate included niverter dimensions (H x W x D) 23 x 16 x 9" (580 x 410 x 230 mm) niverter weight 125 lb (57 kg) Shipping dimensions 28 x 22 ½ x 10 ½" (711 x 565 x 267 mm) Shipping weight 132 lb (60 kg) Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/ Battery temperature sensor Included Standard warranty Five years Part number 865-1000  Environmental Specifications Enclosure type NEMA Type 1 – Indoor (sensitive electronic Operational temperature range -13 to 158 °F (-25 to 70 °C)  Accessories Remote display Optional XW System Control Panel monitor	eed for hubs or special cards)		
niverter dimensions (H x W x D)  23 x 16 x 9" (580 x 410 x 230 mm)  niverter weight  28 x 22 ½ x 10 ½" (711 x 565 x 267 mm)  Shipping dimensions  28 x 22 ½ x 10 ½" (711 x 565 x 267 mm)  Shipping weight  132 lb (60 kg)  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/  Stattery temperature sensor  Included  Standard warranty  Five years  Part number  865-1000  Environmental Specifications  Enclosure type  NEMA Type 1 – Indoor (sensitive electronic operational temperature range  13 to 158 °F (-25 to 70 °C)  Accessories  Remote display  Optional XW System Control Panel monitor			
125 lb (57 kg)  Shipping dimensions  28 x 22 ½ x 10 ½" (711 x 565 x 267 mm)  Shipping weight  132 lb (60 kg)  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/wastern temperature sensor  Included  Standard warranty  Five years  Part number  865-1000  Environmental Specifications  Enclosure type  NEMA Type 1 — Indoor (sensitive electronic operational temperature range)  Accessories  Remote display  Optional XW System Control Panel monitor			
Shipping dimensions  28 x 22 ¼ x 10 ½" (711 x 565 x 267 mm) Shipping weight  132 lb (60 kg)  Display panel  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/ Battery temperature sensor  Included Standard warranty  Five years Part number  865-1000  Environmental Specifications Enclosure type  NEMA Type 1 – Indoor (sensitive electronic Operational temperature range  -13 to 158 °F (-25 to 70 °C)  Accessories  Remote display  Optional XW System Control Panel monitor			
Shipping weight  132 lb (60 kg)  Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/ Battery temperature sensor  Standard warranty  Five years  Part number  Environmental Specifications  Enclosure type  NEMA Type 1 – Indoor (sensitive electronic coperational temperature range)  Accessories  Remote display  Optional XW System Control Panel monitor	115 lb (52 kg)	115 lb (52 kg)	
Status LEDs indicate AC In status, faults/wa or charge current, fault/warning codes. On/ Battery temperature sensor Included Standard warranty Five years Part number 865-1000  Environmental Specifications Enclosure type NEMA Type 1 – Indoor (sensitive electronic Operational temperature range -13 to 158 °F (-25 to 70 °C)  Accessories Remote display Optional XW System Control Panel monitor			
or charge current, fault/warning codes. On/A Battery temperature sensor Included Standard warranty Five years Part number 865-1000  Environmental Specifications Enclosure type NEMA Type 1 — Indoor (sensitive electronic Operational temperature range -13 to 158 °F (-25 to 70 °C)  Accessories Remote display Optional XW System Control Panel monitor	122 lb (55 kg)	122 lb (55 kg)	
Five years Part number 865-1000  Environmental Specifications Enclosure type NEMA Type 1 – Indoor (sensitive electronic Operational temperature range -13 to 158 °F (-25 to 70 °C)  Accessories Remote display Optional XW System Control Panel monitor	Status LEDs indicate AC In status, faults/warnings, equalize mode, battery level. Three-character display indicates output power or charge current, fault/warning codes. On/Off and equalize buttons		
Part number 865-1000  Environmental Specifications  Enclosure type NEMA Type 1 – Indoor (sensitive electronic Departional temperature range -13 to 158 °F (-25 to 70 °C)  Accessories  Remote display Optional XW System Control Panel monitor	Included	Included	
Environmental Specifications  Enclosure type  NEMA Type 1 – Indoor (sensitive electronic Operational temperature range  -13 to 158 °F (-25 to 70 °C)  Accessories  Remote display  Optional XW System Control Panel monitor	Five years	Five years	
Enclosure type  NEMA Type 1 – Indoor (sensitive electronic Operational temperature range -13 to 158 °F (-25 to 70 °C)  Accessories  Remote display  Optional XW System Control Panel monitor	865-1005	865-1010	
Operational temperature range -13 to 158 °F (-25 to 70 °C)  Accessories  Remote display Optional XW System Control Panel monitor			
Accessories Remote display Optional XW System Control Panel monitor	components sealed inside enclosure)		
Remote display Optional XW System Control Panel monitor			
Remote display Optional XW System Control Panel monitor			
	and configures all devices connected	d to Xanbus™ Network	
	Optional XW Automatic Generator Start module connects to Xanbus™ Network. Automatically activates generator to recharge depleted battery bank or assist inverter with heavy loads		
Power distribution & panel conduit boxes Optional balance-of-systems components for	Optional balance-of-systems components for NEC compliant installations, includes pre-wired AC and DC circuit breakers, bus bars and multiple knockouts for conduit and additional breakers		
Regulatory Approvals	a.c.a. breakers		