



Certificate of Compliance

Certificate: 2559422

Master Contract: 159409

Project: 2603530

Date Issued: April 19, 2013

Issued to: Schneider Electric Solar Inverters

USA, Inc.
250 S. Vasco Road,
Livermore, CA 94550
USA

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Chih Wu

Issued by: Chih Wu, Eng'g Technologist

PRODUCTS

- CLASS 5311 09** - POWER SUPPLIES - Distributed Generation Power Systems Equipment
CLASS 5311 89 - POWER SUPPLIES - Distributed Generation - Power Systems Equipment
- Certified to U.S. Standards

PART A:

Combined inverter/battery charger, Model CSW4024, permanently connected, indoor use, rated for 25°C ambient at full load, 60°C max, for use with external deep-cycle batteries.

Ratings for Invert mode:

Input: 20 – 32V dc, 24 V dc nominal, 230 A maximum continuous

Output: 120/240 V ac, 60 Hz, 3400 W, 3400 VA continuous, 4000 VA for 30 minutes

Derated operation for elevated ambient temperatures: 3400 W continuously to 25°C Operates at reduced power at elevated ambient temperatures up to 60°C max; operates at 2800 W continuous at 60°C.

Ratings for Charge mode:



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Input: 120/240 V ac, 60 Hz, 13A, 24 A maximum (a.c. pass-through plus charging)

Output: 20 – 32V dc, 24 V dc nominal, 90 A maximum continuous up to 60°C ambient.

Note: The inverter/charger, model CSW4024, may be connected to 120V single phase operation with reduced power rating to 1700W, 1700VA continuous, 2000VA for 30 minutes (inverter mode) and 20-32V dc, 24V dc nominal, 45A maximum continuous (charger mode).

PART B:

Combined inverter/battery charger, Model CSW2524, permanently connected, indoor use, rated for 25°C ambient at full load, 60°C max, for use with external deep-cycle batteries.

Ratings for Invert mode: Input: 22 – 34V dc, 24 V dc nominal, 150 A maximum continuous Output: 120/240 V ac, 60 Hz, 2400 W, 2400 VA continuous, 2700 VA for 30 minutes

Derated operation for elevated ambient temperatures: 2400 W continuously to 25°C Operates at reduced power at elevated ambient temperatures up to 60°C max; operates at 2000 W continuous at 60°C.

Ratings for Charge mode: Input: 120/240 V ac, 60 Hz, 9A, 24 A maximum (a.c. pass-through plus charging) Output: 20 – 32V dc, 24V dc nominal, 65A maximum continuous up to 60°C ambient.

Note: The inverter/charger, model CSW2524, may be connected to 120V single phase operation with reduced power rating to 1200W, 1200VA continuous, 1350VA for 30 minutes (inverter mode) and 22-34V dc, 24V dc nominal, 32.5A maximum continuous (charger mode).

APPLICABLE REQUIREMENTS

CSA C22.2 No. 107.1-01 - General Use Power Supplies

UL 1741 - 2nd Ed - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources

Note: CSA C22.2 No. 107.3-05 and UL 1778 4th Ed. were used as guide for relay requirement, backfeed protection, transfer switch, static switch, output circuit grounding, and battery overcharge evaluation.