



United States  
**ENVIRONMENTAL PROTECTION AGENCY**  
Washington, DC 20460

**Qualified Product Information for ENERGY STAR® Battery Charging Systems -  
Part 1**

**ENERGY STAR product information form for use by battery charging system (BCS)  
partners (Companies that have joined ENERGY STAR for battery charging systems  
by signing a Partnership Agreement)**

Manufacturer Name: \_\_\_\_\_  
Brand Name: \_\_\_\_\_  
Model Number: \_\_\_\_\_  
Model Name: \_\_\_\_\_

**Contact Information**

Contact Name for this product: \_\_\_\_\_  
Contact Phone: \_\_\_\_\_  
Contact Email Address: \_\_\_\_\_  
Contact Fax: \_\_\_\_\_

**Manufacture Information**

Initial Date of Manufacture: \_\_\_\_\_  
Date No Longer Manufactured: \_\_\_\_\_  
Date Available on the Market: \_\_\_\_\_

**Available Markets**

To what major markets is this product sold?  
(Check all that apply.)

- Australia/New Zealand?
- Canada?
- European Union?
- Japan?
- Mexico?
- Taiwan?
- United States?
- Other?

**Labeling Information**

Indicate where ENERGY STAR label appears.  
(Check all that apply.)

- On product advertising / promotional materials?
- On product packaging/box?
- In product literature?
- On your Internet site?

**Testing Information**

Date Tested: \_\_\_\_\_  
Self-Tested? (Y/N)  Yes  No

*If not Self-Tested, please provide the following information regarding the Testing Facility and Test Technician.*

Test Facility Name: \_\_\_\_\_  
Test Facility Country: \_\_\_\_\_  
Test Technician First Name: \_\_\_\_\_  
Test Technician Last Name: \_\_\_\_\_  
Test Technician Email: \_\_\_\_\_

*The public reporting and recordkeeping burden for this collection of information is estimated to average 4.85 per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.*



## Qualified Product Information for ENERGY STAR® Battery Charging Systems - Part 2

ENERGY STAR product information form for use by battery charging system (BCS) partners (Companies that have joined ENERGY STAR for battery charging systems by signing a Partnership Agreement)

### Product Details

1. End-Use Product Type (e.g., power tool, appliance, personal care product, yard care product, universal battery charger): \_\_\_\_\_
2. Battery Chemistry (e.g., NiCad, NiMh, Li Ion): \_\_\_\_\_
3. Indicate battery charger type (Refer to Section 1.B of ENERGY STAR BCS Eligibility Criteria for definitions and check all that apply):
  - a la carte
  - multi-voltage
  - multi-port
  - stand-alone
  - batch

*If product is not packaged with a battery or product (e.g., a stand-alone a la carte charger), please attach a list of all batteries/products designed for use with this product including part number, battery chemistry, nominal voltage and rated battery capacity.*

### Nameplate Specification

Nameplate Input Voltage (V): \_\_\_\_\_  
Nameplate Input Frequency (Hz): \_\_\_\_\_  
Nameplate Input Current (Amps): \_\_\_\_\_  
Nameplate Input Power (W): \_\_\_\_\_

*If input power is not listed on the nameplate, refer to Section 1.B of ENERGY STAR BCS Eligibility Criteria for the appropriate calculation.*

### Testing Details

1. Were 3 randomly selected units of the same model tested?  Yes  No
2. Did all 3 units that were tested at each input voltage meet the qualification criteria?  Yes  No
3. Please list the battery types used for testing. Chargers that are both a la carte and multi-voltage must be tested using at least three currently produced batteries identified/listed as usable with the unit, including the batteries with the highest and lowest nominal battery energy. Multi-port chargers using identical batteries need only list each battery type once. *Attach full test results as indicated in BCS Test Methodology.*

# 1 Part Number: \_\_\_\_\_  
Nominal Voltage (V): \_\_\_\_\_  
Measured Battery Energy (Wh): \_\_\_\_\_

# 2 Part Number: \_\_\_\_\_  
Nominal Voltage (V): \_\_\_\_\_  
Measured Battery Energy (Wh): \_\_\_\_\_

# 3 Part Number: \_\_\_\_\_  
Nominal Voltage (V): \_\_\_\_\_  
Measured Battery Energy (Wh): \_\_\_\_\_

4. Reference Voltage for Qualification (Nominal battery voltage, except for a la carte multi-voltage and batch chargers. See ENERGY STAR BCS Test Methodology for further explanation): \_\_\_\_\_

5. Was the abbreviated method used for either the measurement of Maintenance or Standby modes? *If yes, please submit a written statement indicating that the unit under test qualifies for the abbreviated test methodology.*  Yes  No

**Test Results**

Provide average test results for three randomly chosen units of the same model. For a la carte models, be sure to submit the average value for all batteries/products tested. In addition, test results are required at 1, 2, or 3 voltage/frequency combinations, based on the market(s) in which the model will be sold and promoted as ENERGY STAR qualified. Please refer to Section 4.C of the BCS Eligibility Criteria for additional details.

**Test Results - 115 Volts ac 60 Hz**

Average battery maintenance accumulated energy over 36 hours (wh): \_\_\_\_\_

Average standby accumulated energy over 12 hours (wh): \_\_\_\_\_

Total Nonactive Energy: \_\_\_\_\_

Power Factor: \_\_\_\_\_

Nonactive Energy Ratio: \_\_\_\_\_

**Test Results - 230 Volts ac 50 Hz**

Average battery maintenance accumulated energy over 36 hours (wh): \_\_\_\_\_

Average standby accumulated energy over 12 hours (wh): \_\_\_\_\_

Total Nonactive Energy: \_\_\_\_\_

Power Factor: \_\_\_\_\_

Nonactive Energy Ratio: \_\_\_\_\_

**Test Results - 100 Volts ac 50/60 Hz**

Average battery maintenance accumulated energy over 36 hours (wh): \_\_\_\_\_

Average standby accumulated energy over 12 hours (wh): \_\_\_\_\_

Total Nonactive Energy: \_\_\_\_\_

Power Factor: \_\_\_\_\_

Nonactive Energy Ratio: \_\_\_\_\_